

September 15, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Federal 9-24-9-16 Federal 13-24-9-16 Federal 10-24-9-16 Federal 11-24-9-16 Federal 12A-24-9-16 Federal 12A-24-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-24-9-16 and 14-24-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Brad Mecham or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED
SEP 2 0 2006
DIV. OF OIL, GAS & MINING

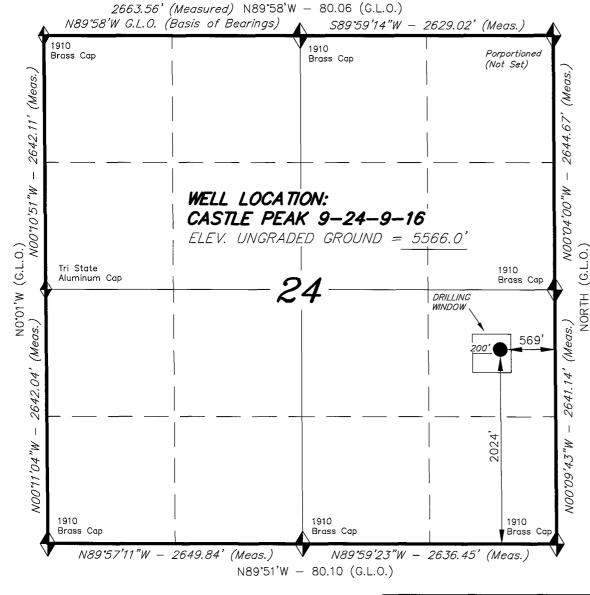
Form 3160-3 (September 2001)			FORM APPROVE OMB No. 1004-01 Expires January 31, 2	36	
UNITED STATES DEPARTMENT OF THE IN			5. Lease Serial No.		
BUREAU OF LAND MANAC	UTU-15855				
APPLICATION FOR PERMIT TO DE			6. If Indian, Allottee or Tribe Name		
APPLICATION FOR PERMIT TO DI			N/A		
la. Type of Work: DRILL REENTER	,		7. If Unit or CA Agreement, 1	Name and No.	
1a. Type of work. A DRILL A REENTER	· ·		N/A		
lb. Type of Well: Oil Well Gas Well Other	Single Zone Multi	ple Zone	8. Lease Name and Well No. Federal 9-24-9-16		
2. Name of Operator			9. API Well No.	3 3	
Newfield Production Company			75-013	3338	
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explorate	ory	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Butte	اح ا	
4. Location of Well (Report location clearly and in accordance with		-	11. Sec., T., R., M., or Blk. and	Survey or Area	
At surface NE/SE 2024' FSL 569' FEL 580254χ			NE/SE Sec. 24, T9S	R16F	
At proposed prod. zone 4429 603	24 -110.0596	46			
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
Approximatley 17.7 miles south of Myton, Utah			Duchesne	UT	
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this well		
(Also to nearest drig. unit line, if any) Approx. 569' f/lse, NA' f/unit	1200.00		40 Acres		
18. Distance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth 20. BLM/I		BIA Bond No. on file		
applied for, on this lease, ft. Approx. 1406'	5765'	<u> </u>	UTB000192		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
5566' GL	1st Quarter 2007		Approximately seven (7) days from spud to rig release.		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	I ands the 5. Operator certific	ation. specific info	ns unless covered by an existing ormation and/or plans as may be	·	
25. Signature	Name (Printed/Typed)		Date		
11 James loxy	¦ Mandie Crozier		9/1	5/06	
Title Regulatory Specialist					
Approved by (Signature)	Name (Printed Typed) O	a. HILL	Date	9-21-06	
Title	OfficENVIRONMENTAL	MANAGE	PT.		
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject l	ease which would entitle the appl	icant to conduct	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED SEP 2 0 2006

T9S, R16E, S.L.B.&M.



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) CASTLE PEAK 9-24-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 52.81" LONGITUDE = 110° 03' 37.32"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK 9-24-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 24, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PEOT WAS PREPARED FROM FIELD ROTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPPRESSION IN THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND FILES No.189377

REGISTERS D LAND SURVEYOR REGISTRATION NO. 1000-2000 PM

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-16-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY FEDERAL #9-24-9-16 NE/SE SECTION 24, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2075' Green River 2075' Wasatch 5765'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2075' - 5765' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #9-24-9-16 NE/SE SECTION 24, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #9-24-9-16 located in the NE 1/4 SE 1/4 Section 24, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 3.8 miles \pm to it's junction with an existing two track road to the northeast - proceed northeasterly - 250' \pm to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 2,500' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. <u>LOCATION OF EXISTING AND/OR PROPOSED FACILITIES</u>

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

 SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 2,360' ROW be granted in Lease UTU-77369 and 530' of disturbed area be granted in Lease UTU-15855 to allow for construction of the planned access road. Refer to Topographic Map "B". For the planned access road a width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road

Newfield Production Company requests a 7,420' ROW in Lease UTU-77369 and 530' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 8,240' ROW in Lease UTU-77369 and 530' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, preconstruction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass

Pascopyrum Smithii

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #9-24-9-16 was on-sited on 3/22/06. The following were present; Shon Mckinnon (Newfeild Production), Nate West (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-24-9-16 NE/SE Section 24, Township 9S, Range 16E: Lease UTU-15855 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the

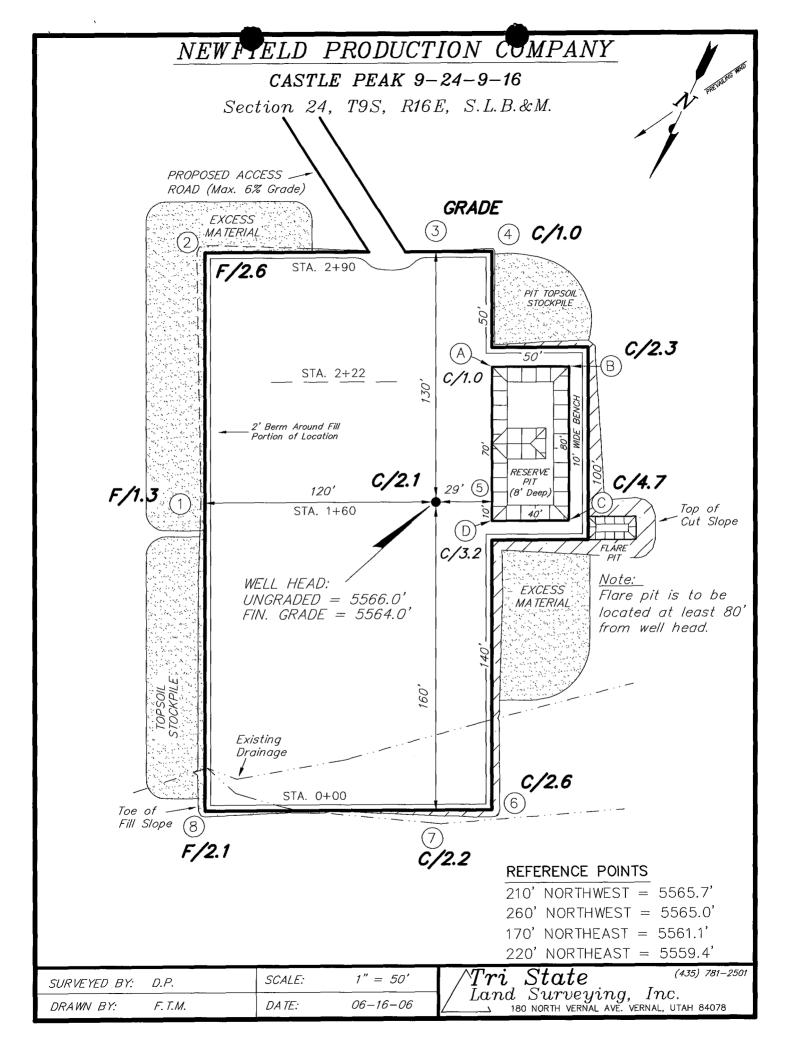
operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/15/06 Date

Mandie Crozier
Regulatory Specialist

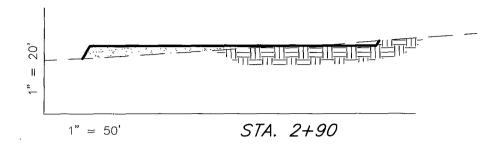
Newfield Production Company

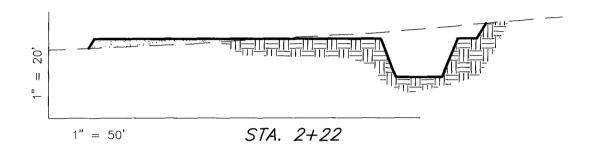


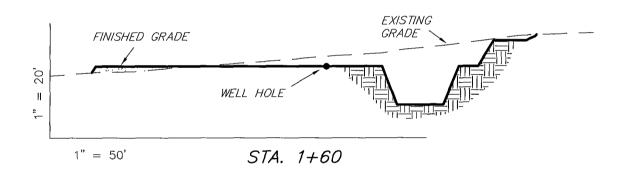
NEWFIELD PRODUCTION COMPANY

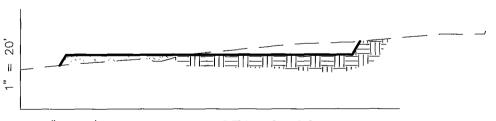
CROSS SECTIONS

CASTLE PEAK 9-24-9-16









1" = 50'

STA. 0+00

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)

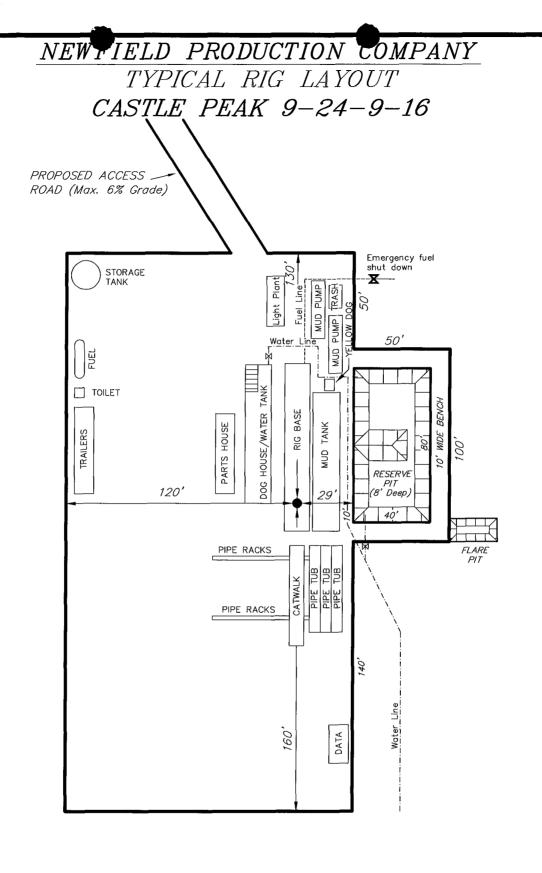
(Expressed in Cubic Yards)

	l	(Lxpi cosc	d III Odbi	c raras)	
	ITEM	CUT	FILL	6" TOPSOIL	EXCESS
	PAD	1,410	1,400	Topsoil is not included	10
	PIT	640	0	in Pad Cut	640
Ì	TOTALS	2,050	1,400	970	650

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY:	D.P.	SCALE:	1" = 50'
DRAWN BY:	F. T.M.	DATE:	06-16-06

igg/ Tri State (435) 781–2501 Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



SURVEYED BY: D.P.	SCALE:	1" = 50'	$/Tri_{S}tate_{I}$ (435) 781-2501
DRAWN BY: F.T.M.	DATE:	06-16-06	$/$ Land S'urveying, Inc. $_$ 180 north vernal ave. vernal, utah 84078

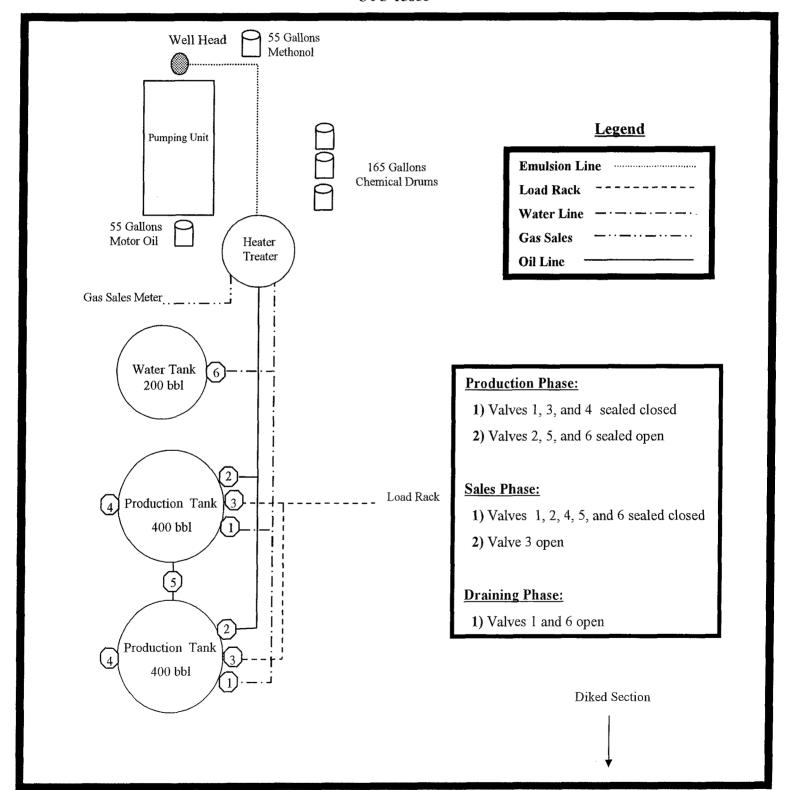
Newfield Production Company Proposed Site Facility Diagram

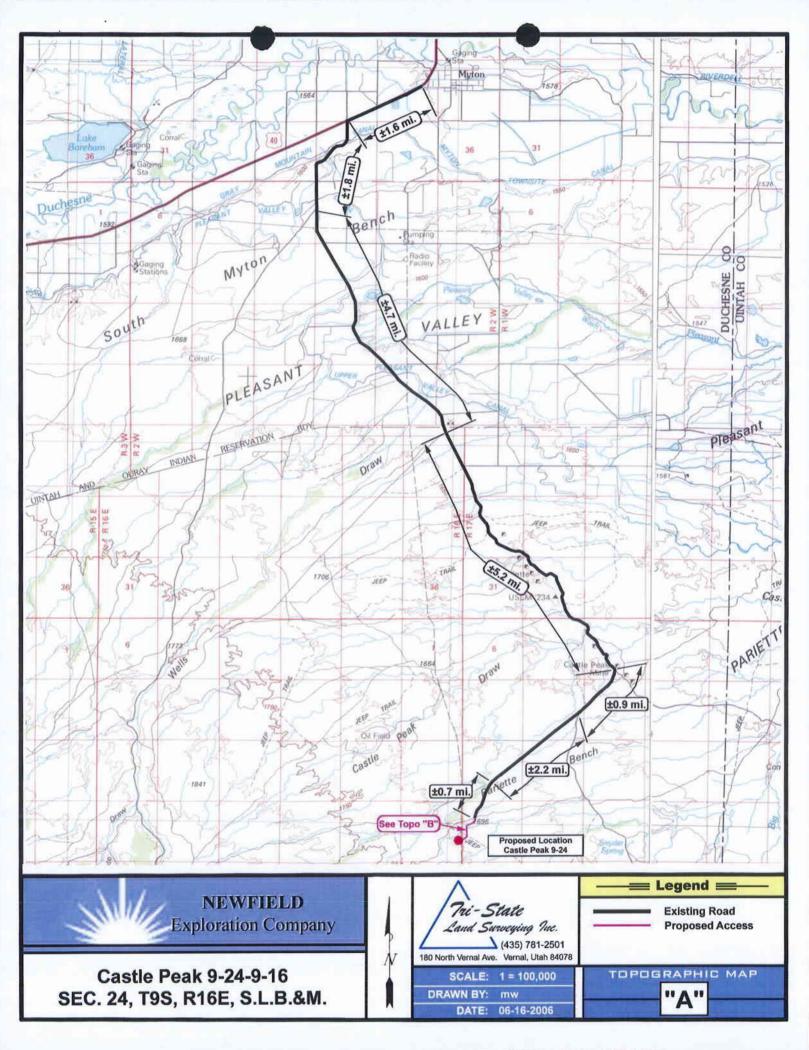
Federal 9-24-9-16

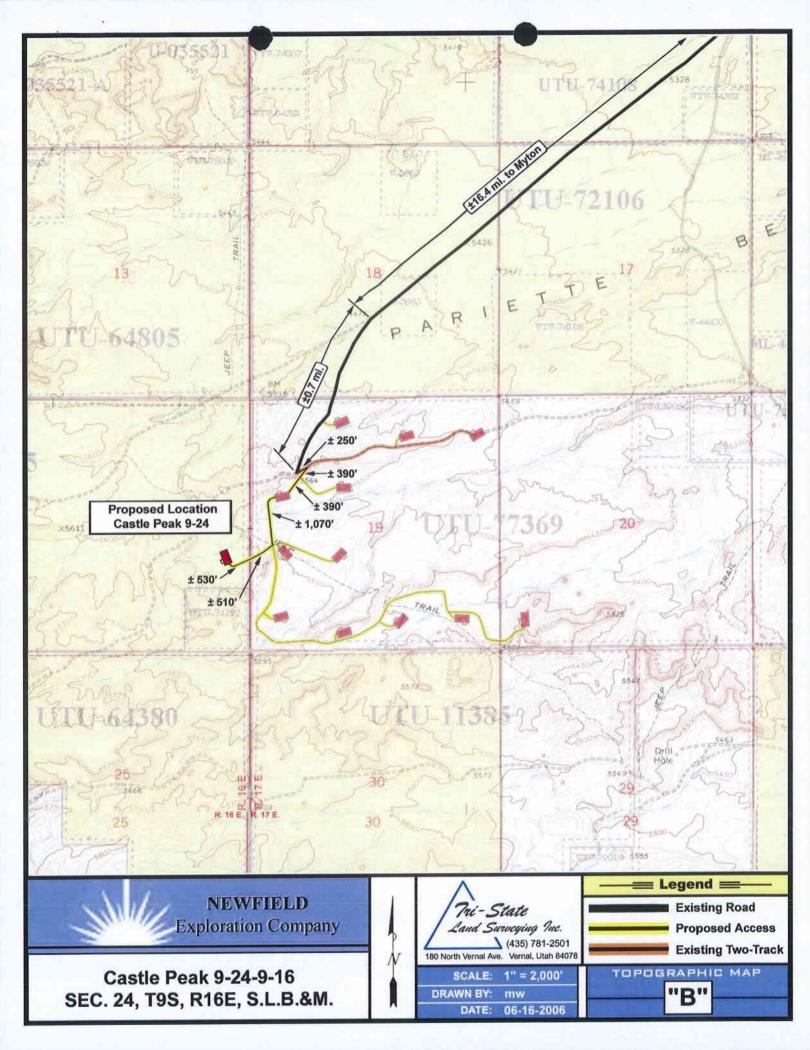
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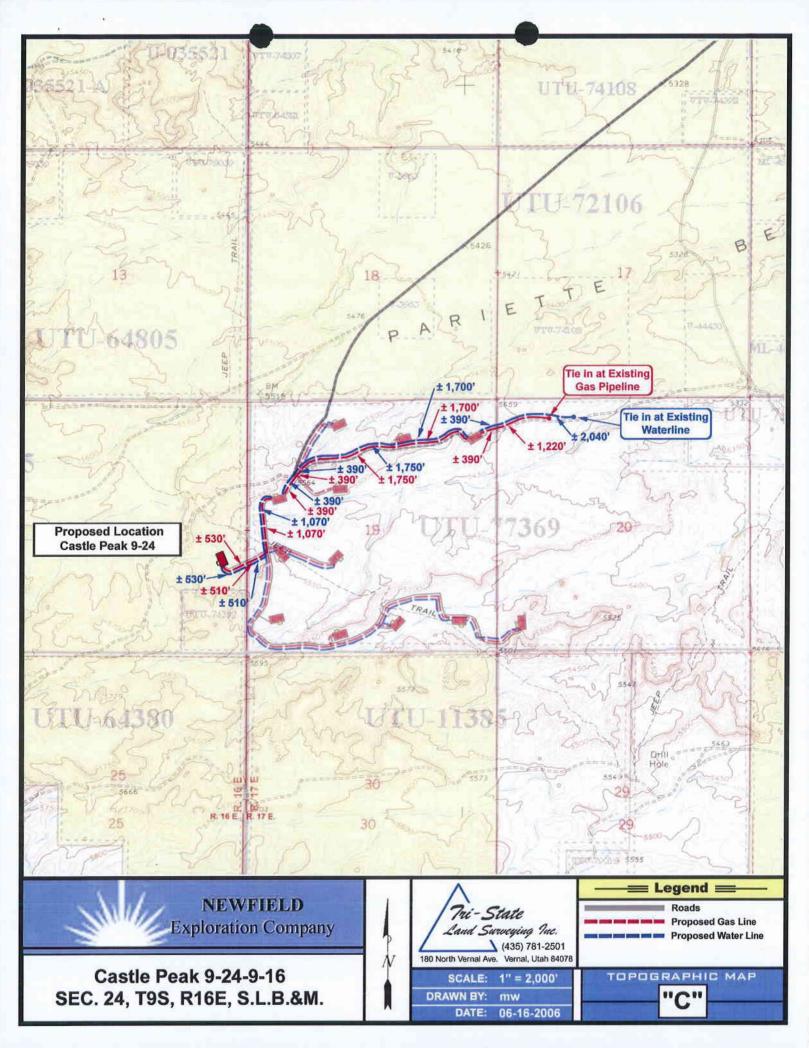
Duchesne County, Utah

UTU-15855

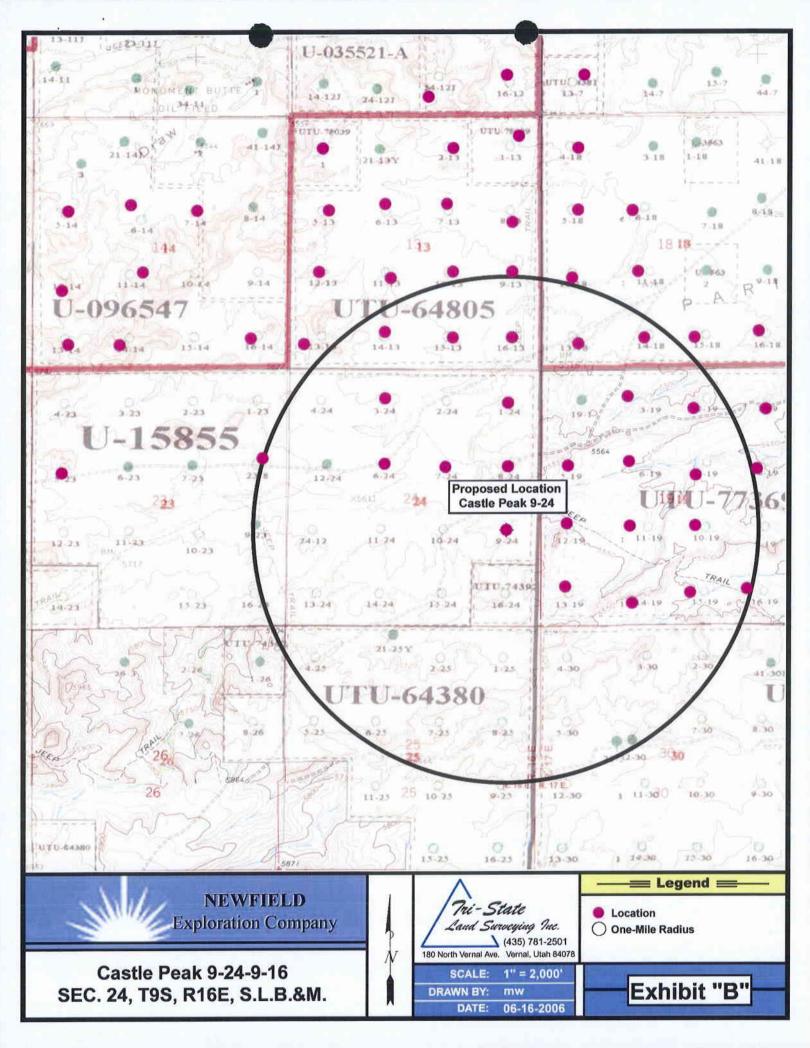








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2-M SYSTEM

Blowout Prevention Equipment Systems

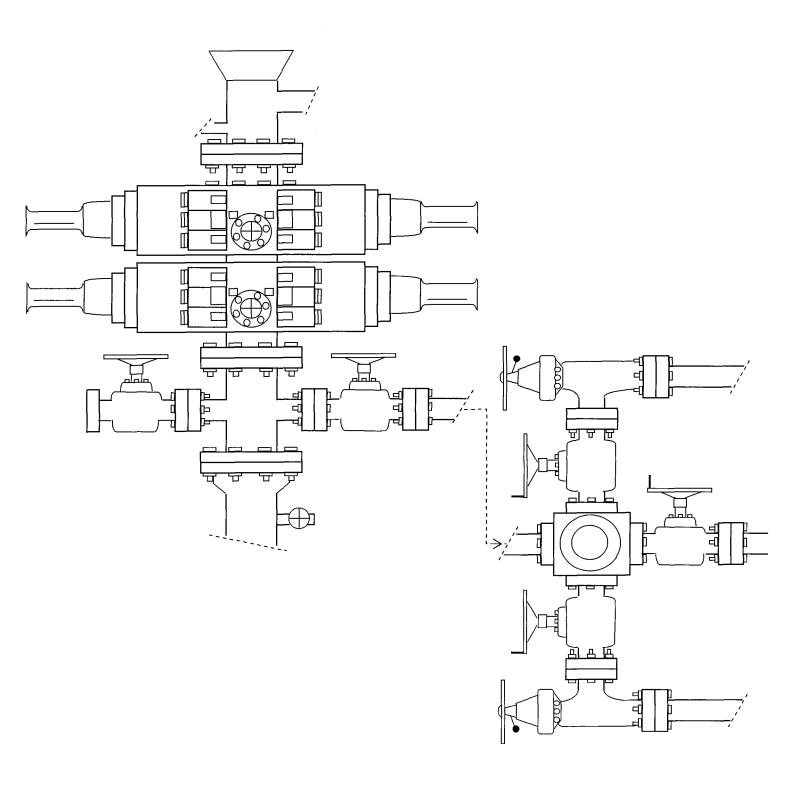


EXHIBIT C

c-lol

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24. DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Submitted By:

Keith R. Montgomery Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-270

September 7, 2005

United States Department of Interior (FLPMA) Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0831b

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

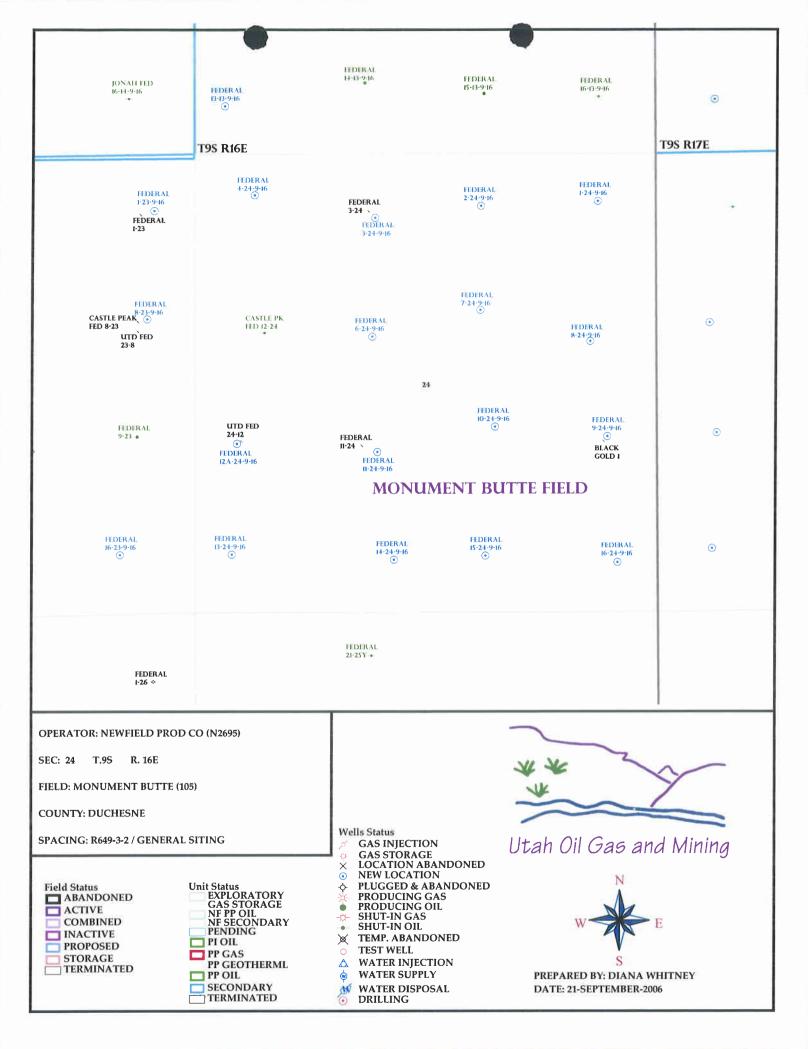
Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

APD RECEIVED: 09/20/2006	API NO. ASSIGNED: 43-013-33338
WELL NAME: FEDERAL 9-24-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695)	PHONE NUMBER: 435-646-3721
CONTACT: MANDIE CROZIER	
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NESE 24 090S 160E SURFACE: 2024 FSL 0569 FEL	Tech Review Initials Date
BOTTOM: 2024 FSL 0569 FEL	Engineering
COUNTY: DUCHESNE LATITUDE: 40.01470 LONGITUDE: -110.0597	Geology
UTM SURF EASTINGS: 580254 NORTHINGS: 4429	Surface Surface
FIELD NAME: MONUMENT BUTTE (105 LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-15855 SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO
Plat ✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) ✓ Oil Shale 190-5 (B) or 190-3 or 190-13 ✓ Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
SOP Seperal Rle. STIPULATIONS: 1- Federal Rle. 2- Space up Stip	





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

September 21, 2006

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re: Federal 9-24-9-16 Well, 2024' FSL, 569' FEL, NE SE, Sec. 24, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33338.

Sincerely,

Gil Hunt
Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfie	d Production Company	
Well Name & Number	Federal	9-24-9-16	
API Number:	43-013-	33338	
Lease:	UTU-1:	5855	
Location: <u>NE SE</u>	Sec. 24_	T. 9 South	R. <u>16 East</u>

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

(June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget E	Bureau No.	1004-013
Expires:	March 31	1993

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS

o not use this form fo	or proposals to drill	or to deepen o	r reentry a	a different res	servoir.
	Use "APPLICA	TION FOR P	ERMIT -	" for such p	roposa

5. Lease Designation and Serial No.

U	Tl	U-	1	5	8	5	5
---	----	----	---	---	---	---	---

Do not use this form for proposals to drill or to deepen or reentry a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name NA
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation N/A
1. Type of Well X Oil Well Gas Well Other	8. Well Name and No. FEDERAL 9-24-9-16 9. API Well No.
2. Name of Operator	43-013-33338
NEWFIELD PRODUCTION COMPANY	10. Field and Pool, or Exploratory Area
3. Address and Telephone No.	MONUMENT BUTTE
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721	11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)	
2024 FSL 569 FEL NE/SE Section 24, T9S R16E	DUCHESNE COUNTY, UT.

12.	CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OF	OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTI	
	X Notice of Intent Subsequent Report Final Abandonment Notice		Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water ote: Report results of multiple completion on Well completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/21/06 (expiration 9/21/07).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil, Gas and Mining

DIV. OF OIL, GAS & MINING

OCT 0 3 2007

14. I hereby certify that Signed Title Regulatory Specialist 10/4/2007 Date Mandie Crozier CC: UTAH DOGM (This space for Federal or State office use) Approved by Title Date Conditions of approval, if any: CC: Utah DOGM

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API:

43-013-33338

Well Name: Federal 9-24-9-16 Location: NE/SE Section 24,T9S R16E Company Permit Issued to: Newfield Production Company Date Original Permit Issued: 9/21/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☑ No □
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☑
Has the approved source of water for drilling changed? Yes□ No ☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐
Signature 10/4/2007 Date
Signature Date
Title: Regulatory Specialist
Representing: Newfield Production Company

Form 3160-3 (September 2001)

RECEIVED

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

UNITED STATES			1	Expires Jami	ary 51, 2004	
DEPARTMENT OF THE IN BUREAU OF LAND MANAG		SEP 2 0 2	006	5. Lease Serial No. UTU-1585	5	
APPLICATION FOR PERMIT TO DR		DEENTED		6. If Indian, Allottee	or Tribe Name	
AFF EIGHTION TOK F EKIMIT TO BK	ILL OIL I	<u> </u>		N/A		
la. Type of Work: A DRILL REENTER				7. If Unit or CA Agree N/A	ment, Name and N	ło.
lb. Type of Well: A Oil Well Gas Well Other	3	Single Zone 📮 Multip	ple Zone	8. Lease Name and Wo Federal 9-24-9-16	ill No.	
Name of Operator Newfield Production Company				9. API Well No. 43-013 -	-3333	8
3a. Address	3b. Phone N	No. (include area code)		10. Field and Pool, or E	xploratory	
Route #3 Box 3630, Myton UT 84052	(43	35) 646-3721		Monument But		
4. Location of Well (Report location clearly and in accordance with a	my State req	uirements.*)		11. Sec., T., R., M., or F	Ilk. and Survey or	Area
At surface NE/SE 2024' FSL 569' FEL At proposed prod. zone				NE/SE Sec. 24	, T9S R16E	
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	13. State	e
Approximatley 17.7 miles south of Myton, Utah				Duchesne	UT	
 Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 569' f/lse, NA' f/unit 		Acres in lease	17. Spacing	g Unit dedicated to this w	ell	
(21130 to hours, drig, driv line, 17 day)	19. Propos		20 RI M/F	BIA Bond No. on file		
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1406' 	·	5765'		JTB000192		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Appro	ximate date work will sta	ırt*	23. Estimated duration		
5566' GL	1st Quarter 2007			Approximately seven (7) days from soud to rig release		
	24. Att	achments			•	
The following, completed in accordance with the requirements of Onshor	e Oil and Ga	is Order No.1, shall be att	tached to this	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	Item 20 above). 5. Operator certific	ation. specific info	ns unless covered by an e ormation and/or plans as	·	
25. Signatura	Nam	e (Printed/Typed)		1,	Date	
Il bande loses	¦ Ma	andie Crozier		, ,	9/15/06	
Regulatory Specialist						
Approved by (Signature)		ne (Printed/Typed)		i i	Date	
Sy Tough		Terry Kenceka			10-29- 2007	Z
Assistant Field Manager	i Offi	ve VEF	rnal F	IELD OFFICE		

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the 1 pited States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does mande out building the insupplicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACYHOL
NOV 0 2 2007

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

170 South 500 East

Location:

NESE, Sec 24, T9S, R16E

Federal 9-24-9-16 Well No: API No: 43-013-33338

Lease No:

UTU-15855

Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	•
NRS/Enviro Scientist:	-	(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 7 Well: Federal 9-24-9-16 3/28/2007

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

- Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- No construction may occur from February 1 to July 15 due to the presence of Golden Eagle nesting habitat.
- Because of white-tailed prairie dog burrows no surface disturbing activities (including road construction) may occur from April 1 through August 15.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during
 periods when the soil is too wet to adequately support vehicles and/or construction equipment.
 If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet
 to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

Page 3 of 7 Well: Federal 9-24-9-16 3/28/2007

- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Western Wheat grass

(Pascopyrum Smithii)

6 lbs/acre

Galletta Grass

(Hilaria Jamesii)

6 lbs/acre

All pounds are in pure live seed.

- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit.
 When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions
 to minimize watershed damage. This limitation does not apply to operation and maintenance of
 producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Olive Drab.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Page 4 of 7 Well: Federal 9-24-9-16 3/28/2007

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

Production casing cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person making the report along with a telephone number should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

Page 5 of 7 Well: Federal 9-24-9-16 3/28/2007

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
 weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log CBL will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well: Federal 9-24-9-16 3/28/2007

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report OGOR starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - Well location ¼¼, Sec., Twn, Rng, and P.M..
 - Date well was placed in a producing status date of first production for which royalty will be paid.
 - The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will
 be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
 reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
 Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
 Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed

Page 7 of 7 Well: Federal 9-24-9-16 3/28/2007

on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co]	NEWFIEI	LD PRO	DUCTION CO	MPANY	
Well Name:			FEDERA	L 9-24-	9-16	
Api No:	43-013-333	338			Lease Type:	FEDERAL
Section 24	Township_	09S	Range	16E	County	DUCHESNE
Drilling Cor			SI		RIG #	NS#1
SPUDDE	D:	٠,				
	Date	02/2	27/ 08			
	Time	10:	45 AM			
	How	DR	Y			
Drilling w	ill Commen	ce:				
Reported by		BR	ANDON I	HALL		
Telephone #		(4	<u>35) 828-61</u>	10		
Date	02/27/08		Signed	C	HD	

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: MEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 1 BOX 3830
MYTON, UT 84652

OPERATOR ACCT. NO. N2695

RECEIVED FEB 2 8 2008

Tammi Lee

02/28/08

Date

Production Clerk

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	GR	RV	BHL =	SW NE							
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B. well to emissing entity descrip or stull well)
C. from one existing entity to another musting writiy

D - well from one existing unity to a west certify E - their (explaint in communic section)

ORM, 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31,200

SUNDE				
SUNDR Do not use	UTU-158	855		
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l Type of Well			or made over the state of the s	
Oil Well Gas Well	Other			me and No.
2. Name of Operator NEWFIELD PRODUCTION C	OMPANY			AL 9-24-9-16
3a. Address Route 3 Box 3630		3b. Phone (include ar	9. API Wel 4301333	
Myton, UT 84052	G	435.646.3721		nd Pool, or Exploratory Area
Location of Well (Footage, 2024 FSL 569 FEL	Sec., T., R., M., or Survey Des	cription)	*******	MENT BUTTE
NESE Section 24 T9S R16E			11. County	or Parish, State
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12. CHEC	K APPROPRIATE BOX	(ES) TO INIDICATE NA	ATURE OF NOTICE, O	R OTHER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION	
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Notice of Intent .	Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Final Abandonment	Change Plans	Plug & Abandon	Temporarily Abandon	Weekly Status Report
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MENN HELD I NODUCTION COME AND - CASHEG & CEMENT INFLORT 5 1/2" CASING SET AT ____ 5662.54 Fit clir @ 5535.08 LAST CASING 8 5/8" SET @ 307.29 OPERATOR Newfield Production Company DATUM _______12 WELL Federal 9-24-9-16 DATUM TO CUT OFF CASING 12 FIELD/PROSPECT Monument Butte DATUM TO BRADENHEAD FLANGE CONTRACTOR & RIG # NDSI Rig # 3 TD DRILLER 5700' LOGGER 5693' HOLE SIZE 7 7/8" LOG OF CASING STRING: PIECES OD ITEM - MAKE - DESCRIPTION WT/FT GRD THREAD CONDT LENGTH - Svitt z Landing Jt 14 Šīja 2002 Short jt @ 4001'/4.80' 130 5 1/2" ETC LT & C casing 15.5# J-55 5692.75 8rd Α 0.6 5 1/2" ETC LT&C csg 15.5# J-55 42.31 8rd Α GUIDE shoe 8rd Α 0.65 CASING INVENTORY BAL. FEET JTS TOTAL LENGTH OF STRING 5664.54 TOTAL LENGTH OF STRING 5664.54 131 LESS CUT OFF PIECE 14 LESS NON CSG. ITEMS 15.25 PLUS DATUM TO T/CUT OFF CSG 12 PLUS FULL JTS. LEFT OUT 5662.54 259.26 6 CASING SET DEPTH TOTAL 5908.55 137 TOTAL CSG DEL. (W/O THRDS) 5908.55 137 COMPARE TIMING 1ST STAGE 2nd STAGE BEGIN RUN CSG. GOOD CIRC THRU JOB Yes 3/21/2008 1:30 AM CSG: IN HOLE-3/21/2008 6:00 AM Bbls CMT CIRC TO SURFACE ______20 BEGIN CIRC RECIPROCATED PIPE FOR _____THRU ____FT STROKE 3/21/2008 6:15 AM BÉGIN PUMP CMT 3/21/2008 8:15 AM DID BACK PRES. VALVE HOLD? __yes BEGIN DSPL: CMT BUMPED PLUG TO ______ PSI 3/21/2008 9:05 AM PLUG DOWN 3/21/2008 9:26 AM CEMENT USED CEMENT COMPANY-B. J. STAGE CEMENT TYPE & ADDITIVES - 1-Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield 2 400 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING Centralizers - Middle first, top second & third. Then every third collar for a total of 20. rchalles p DATE ______3/21/2008 COMPANY REPRESENTATIVE _____ Jim Smith HEGIN RUN 056

CSG IN HOLE BEDINGING REGIN DIMPEM BEGIN DISPLEME PLUS OCWN

COMMITTEE AND ADDRESS OF THE SECOND S

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5, LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU-15855 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: OIL WELL GAS WELL OTHER FEDERAL 9-24-9-16 9. API NUMBER: 2 NAME OF OPERATOR: 4301333338 **NEWFIELD PRODUCTION COMPANY** 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER ZIP 84052 MONUMENT BUTTE Route 3 Box 3630 CITY Myton STATE UT 435.646.3721 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2024 FSL 569 FEL COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 24, T9S, R16E STATE: UT CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION DEEPEN ACIDIZE REPERFORATE CURRENT FORMATION ■ NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL (Submit in Duplicate) ALTER CASING NEW CONSTRUCTION CASING REPAIR TEMPORARITLY ABANDON Approximate date work will CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLAIR WATER DISPOSAL CHANGE WELL NAME PLUG BACK SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/STOP) WATER SHUT-OFF Date of Work Completion: COMMINGLE PRODUCING FORMATIONS X OTHER: - Weekly Status Report RECLAMATION OF WELL SITE 05/13/2008 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 04/17/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park		TITLE Production Clerk
SIGNATURE	MM	DATE 05/13/2008
	00	

(This space for State use only)

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Daily Activity Report

Format For Sundry FEDERAL 9-24-9-16 2/1/2008 To 6/30/2008

4/5/2008 Day: 1

Completion

Rigless on 4/4/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5546' & cement top @ 110'. Perforate stage #1, CP2 sds @ 5291-98' & 5328-36' & CP3 sds @ 5370-78' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 92 shots. 136 **BWTR. SWIFN.**

4/12/2008 Day: 2

Completion

Rigless on 4/11/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 30,370#'s of 20/40 sand in 399 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2890 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP ws 1876. 535 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford (6K) 5-1/2" composite flow through frac plug & 8' perf gun. Set plug @ 4930'. Perforate A3 sds @ 4826-34' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 32 shos. RU BJ & frac stage #2 w/ 15,115#'s of 20/40 sand in 273 bbls of Lightning 17 frac fluid. Open well w/ 1630 psi on casing. Perfs broke down @ 2435 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2593 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP ws 2180. 808 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 4730'. Perforate B1 sds @ 4625-32' w/ 4 spf for total of 28 shos. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #3 w/ 18,870#'s of 20/40 sand in 297 bbls of Lightning 17 frac fluid. Open well w/ 1570 psi on casing. Perfs broke down @ 3977 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1927 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1850. 1105 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 280 bbls rec'd. SIFN.

4/15/2008 Day: 3

Completion

Leed #712 on 4/14/2008 - MIRUSU. RD Cameron BOP's & frac head. Instal 3K fraproduction tbg head & Schaefer BOP's. RU bit (Chomp) 4-3/4". Tally, pick up & TIH w/ 38 jts tbg to leave EOT @ 1210'. SIFN.

4/16/2008 Day: 4

Completion

Leed #712 on 4/15/2008 - Open well w/ 0 psi on casing. Continue TIH w/ tbg to tag plag @ 4730'. RU swivel, pump & tanks. Drlg out plug #1 in 13 min. TIH w/ tbg to tag sand @ 4920'. C/O to [lug @ 4930'. Drlg out plug #2 in 12 min. TIH w/ tbg to tag sand @ 5445'. C/O to PBTD @ 5570'. LD 3 jts tbg. RU swab. Leave EOT @ 5508'. SIFN.

4/17/2008 Day: 5

Completion

Leed #712 on 4/16/2008 - Open well w/ 0 psi on casing. RU swivel & C/O to PBTD @ 5619', LD 3 jts tbg. RU swab. Made 10 runs to rec'd 155 bbls fluid. IFL was

surface. FFL was 2500'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to C/O to PBTD @ 5619'. TOOH w/ tbg. Leave EOT @ 2000'. SIFN.

4/18/2008 Day: 6

Completion

Leed #712 on 4/17/2008 - Open well w/ 0 psi on casing. Continue TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt, TA (new CDI 45,000# shear) 170 jts tbg. RD BOP's. Set TA @ 5354' w/ 14,000# tension w/ SN @ 5386' & EOT @ 5450'. Flush tbg w/ 60 bbls water. Pick up & prime pump. TIH w/ 2-1/2" x 1-1/2" x 16' x 18' new RHAC CDI pump w/ 153"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 94-3/4" plain rods, 95-3/4" guided rods, 1-1/2" x 26' polished rod. Space pump. Test tbg & pump to 800 psi. POP @ 5PM w/ 5 SPM w/ 86"SL. RDMOSU. Final Report.

Pertinent Files: Go to File List



UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions ons reverse side) OMB NO. 1004-0137 Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

L		BURE	AU OF	LAND	MANAGEME	ENT				-15855
WELL	COMPL	ETION	OR R	ECON	/IPLETION	REPORT A	ND LOG	6. IF INDIA		OR TRIBE NAME
1a. TYPE OF WORK						, 		7. UNIT AC	REEMENT N	
1b. TYPE OF WELL		OIL WELL	X	GAS WELL	DRY	Other			Fe	deral
NEW X	WORK OVER	DEEPEN	П	PLUG	1 1 1			8. FARM O	R LEASE NAM	
2. NAME OF OPERATOR	OVER	J	<u> </u>	BACK	RESVR.	Other		9. WELL N		9-24-9-16
3. ADDRESS AND TELEPH	HONE NO	Ne	wfield	Explora	tion Company	У		10 FIELD A	43-01	3-33338
		1401 17th	St. Su	ite 1000	0 Denver, CC	0 80202		10. FIELD A		ent Butte
4. LOCATION OF WEL At Surface At top prod. Interval repo					any State requirement (NE/SE) Sec. 2			11. SEC., T., OR ARE.	1	OCK AND SURVEY T9S, R16E
At total depth				14. API NO. 43	3-013 - 33338	DATE ISSUED 0	9/21/07		OR PARISH chesne	13. STATE UT
15. DATE SPUDDED 02/27/08	16. DATE T.D. 03.	REACHED /20/08	17. DA		(Ready to prod.) -/17/08	18. ELEVATIONS (1. 5566		тс.)* 5578' к	:B	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD &		21. PLUG BAG	CK T.D., MD		22. IF MULTIPI	LE COMPL.,	23. INTERVALS	ROTARY TOOLS		CABLE TOOLS
5700'			5512'		HOW MAN	Y*	DRILLED BY	X		
24. PRODUCING INTERVA	AL(S), OF THIS	COMPLETION-								25. WAS DIRECTIONAL
				Green	River 4497'	'-5118'				SURVEY MADE No
26. TYPE ELECTRIC AND				•						27. WAS WELL CORED
Dual Induction (Guard, S	P, Compe	ensated					, Cement Bon	d Log	No
23. CASING SIZE/GF	RADE	WEIGHT	LB./FT.		TH SET (MD)	ort all strings set in HOLE SIZE		EMENT, CEMENTING RI	CORD	AMOUNT PULLED
8-5/8" - J-	-55	24	#		337'	12-1/4"		with 160 sx Class		AWOONT TODGED
5-1/2" - J-	-55	15.	5#		5556'	7-7/8"	300 sx Prem	lite II and 400 sx	0/50 Poz	
29.		LIN	ER RECO	RD			30.	TUBING R	ECORD	<u> </u>
SIZE	ТОР	(MD)		OM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
			ļ		-		2-7/8"	EOT @ 5199		TA @ 5070'
31. PERFORATION RECO	ORD (Interval,	size and number	.)			32.	ACID, SHOT	, FRACTURE, CEM		
INTI	ERVAL	5400) 5440)		IZE	SPF/NUMBER		ERVAL (MD)	AMOUNT A	ND KIND OF	MATERIAL USED
		5103'-5118'		19" 69"	4/60	5103'-		<u> </u>		and in 674 bbls fluid
		4700'-4718' 4497'-4503'		69"	4/72	4700'- 4497'-				and in 878 bbls fluid
	(5.0)	1-101 -1000		00	7/24	7-37	4000	11ac w/ 12,470	# 20/40 Se	and in 257 bbis haid
				,						
					`					
33.*	· · · · · · · · · · · · · · · · · · ·				PRODU	CTION				
DATE FIRST PRODUCTION 04/22/03		PRODUCTIO			as lift, pumpingsize and -1/2" x 12' x 10	type of pump) 6' RHAC SM I	Plunger Pur	mp		ATUS (Producing or shut-in) RODUCING
DATE OF TEST		URS TESTED	_	E SIZE		DILBBLS.	GASMCF.	WATERBBL.		GAS-OIL RATIO
04/25/08					1EST PERIOD	45	44	41		978
FLOW. TUBING PRESS.	CAS	SING PRESSURI		ULATED	OIL-BBL.	GASMCF.		WATERBBL.	OIL GRAVIT	RECEIVED
			24-HO	UR RATE		I		I		
34. DISPOSITION OF GAS ((Sold, used for f	uel, vented, etc.)	Sold	& Used	for Fuel	,		TEST WITNI	ESSED BY	MAY 27 2008
35. LIST OF ATTACHMEN	TTS)					•	ום '	v. OF OIL, GAS & MINI
36. I hereby certify that the SIGNED	he foregoing	and attached in	to mation i	is complete	and correct as determ	nined from all availab	le records oduction Te	ech	DATE	5/15/2008
Jentri Pa	ark	W - 1								JP
Tale 18 11 8 G G G					•	for Additional Data		•		
Title 18 U.S.C. Section 1001, make	es it a crime for any	person knowingly a	nd willfully to r	nake to any depa	artment or agency of the Unite	ed States any false, fictitious or	traudulent statements or	r representations as to any matte	r within its jurisdic	tion.

PORMATION TOP DOTOM DISCRIPTION CONTENTS FTC NAME NAM	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	: (Show all importan erval tested, cushion	it zones of porosity ai used, time tool open	SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	38. GEOLOGIC MARKERS	MARKERS	
NAME MEAS. DEPTH Garden Gulch Mkr 3355' Garden Gulch 1 3563' Garden Gulch 2 3676' Point 3 Mkr 4183' Y-Mkr 4217' Douglas Creek Mkr 4569' B Limestone Mkr 4675' Castle Peak 5166' Basal Carbonate 5612' Total Depth (LOGGERS 5693'	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TO	<u>a</u>
Garden Gulch Mkr 3355' Garden Gulch 1 363' Garden Gulch 2 3676' Point 3 Mkr 3918' X Mkr 4183' Y-Mkr 4217' Douglas Creek Mkr 4569' B Linestone Mkr 4675' Castle Peak 5166' Basal Carbonate 5612' Total Depth (LOGGERS 5693'					NAME		TRUE
Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)				W/oll Nome	Gondon Gilah Mir	MEAS. DEPTH	VERT. DEPTH
Gulch 2 Mkr s Creek Mkr onate Mkr stone Mkr arbonate epth (LOGGERS				Well Ivame Federal 9-24-9-16	Garden Gulch 1	3563'	
Mkr s Creek Mkr onate Mkr eak arbonate epth (LOGGERS					Garden Gulch 2	3676'	
s Creek Mkr onate Mkr stone Mkr eak arbonate epth (LOGGERS					Point 3 Mkr	3918'	
s Creek Mkr onate Mkr stone Mkr eak arbonate epth (LOGGERS					X Mkr	4183'	
					Donales Casel Men	421/	
					Douglas Creek Mkr BiCarbonate Mkr	4338	
					B Limestone Mkr	4675'	
					Castle Peak	5166'	
					Basal Carbonate		
					Total Depth (LOGGERS		
			-				



Well Name: Federal 9-24-9-16 LOCATION: S24, T9S, R16E COUNTY/STATE: Duchesne

API: 43-013-33338

Spud Date: 2-27-08

TD: 5700' CSG: 3-21-08 POP: 4-17-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	CDM	Comments
4/17/2008	11113	(5510)	(55.5)	825	(11101)	1 ressure (psi)	SFIVI	POP w/ 86" SL @ 5 SPM. 825 Total water to recover.
4/18/2008	18	0	93	732	0	40	ļ	tracing
4/19/2008	24	0	81	651	0	40	4 1/2	trading
4/20/2008	24	0	20	631	0	40	4 1/2	
4/21/2008	24	0	45	586	10	40	4 1/2	Lowered rods 5"
4/22/2008	24	43	28	558	11	50	4 1/2	
4/23/2008	24	20	18	540	11	60	4 1/2	
4/24/2008	24	40	14	526	11	65	4 1/2	
4/25/2008	24	45	41	485	11	50	4 1/2	
4/26/2008	24	27	45	440	11	50	4 1/2	
4/27/2008	24	29	0	440	11	50	4 1/2	
4/28/2008	24	28	15	425	0	10	4 1/2	
4/29/2008	12	15	0	425	12	60	4 1/2	Down - unknown, kicked in at 8:30 a.m.
4/30/2008	24	25	26	399	9	60	4 1/2	
5/1/2008	24	1	65	334	12	60	4 1/2	Transferred 51 bbls water from T1 to T3
5/2/2008	24	13	5	329	13	70	4 1/2	
5/3/2008	24	28	11	318	6	70	4 1/2	
5/4/2008	24	15	0	318	15	50	4 1/2	
5/5/2008	24	15	13	305	11	50	4 1/2	
5/6/2008	24	16	3	302	6		4 1/2	
5/7/2008	24	21	8	294	13	65	5	
5/8/2008	24	16	15	279	0	50	5	
5/9/2008	24	15	10	269	0	50	5	
5/10/2008	24	16	10	259	3		5 1/2	
5/11/2008	24	8	5	254	3		6	lowered rods 4", sped unit up to 6 SPM.
5/12/2008	24	11	15	239	3	55	6	
5/13/2008				239				
5/14/2008				239				
5/15/2008				239				
				239			_	
5/16/2008			1	239	i			
5/17/2008								
		447	586	239	182			

12597

Sundry Number: 27577 API Well Number: 43013333380000

	STATE OF UTAH		FORM 9
1	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
SUNDR	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	pposals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 9-24-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013333380000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2024 FSL 0569 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 2	HP, RANGE, MERIDIAN: 4 Township: 09.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well he injection well on 0 State of Utah DOG above listed well. Opsig and charted for injecting during the	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all plas been converted from a production of the p	ducing oil well to an aris Jensen with the ne initial MIT on the pressured up to 1650 coss. The well was not s 0 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: July 11, 2012
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 7/9/2012	

Sundry Number: 27577 API Well Number: 43013333380000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

400	,
Witness: Test Conducted by:Coly Marx	Date 7/3/12 Time 19:00 am
Others Present: Kathruh Rai	leu
Oulers Fresent. 14 M 47	
Federal	Etalla AA P. Ida
Well: 9-24-9-16	Field: Mornment Butte
Well Location: NE/SE SEC. 24, To	95 API No: 43-013-33338
1, 1	
•	
Time	Casing Pressure
Inne	
0 min	psig
5	psig
10	1650 psig
15	1650 psig
20	1650 psig
25	1650 psig
30 min	1650 psig
35	psig
40	psig
45	psig
50	psig
55	psig
60 min -	psig
	<i>></i>
Tubing pressure:	psig
Result:	Pass Fail
1 toout.	
Signature of Witness:	<i></i>
Signature of Person Conduc	eting Test:

Sundry Number: 27577 API Well Number: 43013333380000 6 PM -1750--1500--1250--1000 -750 500 3 CHART NO. NC M2800 24HR DATE 7-3 LOCATION 2 -094--0001--1250-1500 MA 9 1750-6 L 8

Sundry Number: 27577 API Well Number: 43013333380000 Page 1 of 5

Daily Activity Report

Format For Sundry FEDERAL 9-24-9-16 4/1/2012 To 8/30/2012

6/20/2012 Day: 1

Conversion

NC #2 on 6/20/2012 - MIRUSU, L/D Rods On Float - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csq, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbq, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbq, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37-3/4" Guided Rods, 6-11/2" x 25' Wt Bars, 6-1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csq, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbq, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$5,735

6/21/2012 Day: 2

Conversion

NC #2 on 6/21/2012 - R/D NC #2, Move To UT 4-23-4-3W - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT Finalized

Daily Cost: \$0

Cumulative Cost: \$8,250

6/28/2012 Day: 3

Conversion

NC #2 on 6/28/2012 - MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Relase TA, Tag Fill, POOH W/- J-55 Tbg, P/U & TIH W/- Plg & Pkr, N-80 Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did

Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5-Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csq, Fill Csq, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 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Daily Cost: \$0

Cumulative Cost: \$17,062

6/29/2012 Day: 5 Conversion

NC #2 on 6/29/2012 - Finish L/D N-80, TIH W/- BHA & J-55 Tbg, Pressure Test Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd VIve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd VIve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. Finalized

Daily Cost: \$0

Sundry Number: 27577 API Well Number: 43013333380000 Page 4 of 5

Cumulative Cost: \$63,318

7/2/2012 Day: 6 Conversion

NC #2 on 7/2/2012 - Pressure Test Tbg & Csg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csq, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csq To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csg To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csq, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csg To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csg To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. Finalized

Daily Cost: \$0

Cumulative Cost: \$266,727

7/5/2012 Day: 7 Conversion

Rigless on 7/5/2012 - Conduct initial MIT - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. Finalized

Daily Cost: \$0

Cumulative Cost: \$297,997

Pertinent Files: Go to File List

Sundry Number: 28041 API Well Number: 43013333380000

	STATE OF UTAH				FORM 9	
ı	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		à	5.LEASE UTU-1	DESIGNATION AND SERIAL NUMBER: 5855	
SUNDR	Y NOTICES AND REPORTS	ON	WELLS	6. IF IND	IAN, ALLOTTEE OR TRIBE NAME:	
	posals to drill new wells, significantly reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT o	r CA AGREEMENT NAME: GRRV)	
1. TYPE OF WELL Water Injection Well				1 '	NAME and NUMBER: PAL 9-24-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY			9. API NU 43013	JMBER: 333380000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-482		NE NUMBER: t		and POOL or WILDCAT: MENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2024 FSL 0569 FEL				COUNTY		
QTR/QTR, SECTION, TOWNSH	tip, range, meridian: 4 Township: 09.0S Range: 16.0E Meri	dian: \$	6	STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOR	T, OR O	THER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	1	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION	
7/24/2012	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	□ :	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	TUBING REPAIR		/ENT OR FLARE		WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION	
Report Date.		_	STATUS EXTENSION			
	WILDCAT WELL DETERMINATION	•	OTHER		Put on Injection	
	completed operations. Clearly show rence well was put on inject 07/24/2012.			oi FOI	Accepted by the Utah Division of il, Gas and Mining R RECORD ONLY Iuly 25, 2012	
NAME (DI EACE DOINT)	DUONE NUM	DED	TITI C			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUM 435 646-4874	BER	TITLE Water Services Technician			
SIGNATURE N/A			DATE 7/24/2012			



FEB 1 7 2012
DIV. OF OIL, GAS & MINING

February 9, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Federal #9-24-9-16

Monument Butte Field, Lease #UTU-15855

Section 24-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #9-24-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #9-24-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-15855

FEBRUARY 9, 2012

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WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

ATTACHMENT H-1

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

ADDRESS

Comments:

APPLICATION FOR INJECTION WELL - UIC FORM 1

Denver, Colorado 80202

1001 17th Street, Suite 2000

OPERATOR Newfield Production Company

Well Name and	d numl	 oer:	Federal #	9-24-9-16			-			
Field or Unit na	ame:	Monument E	Butte (Green	River)				Lease No.	UTU-158	55
Well Location:	QQ _	NESE	section	24	township	98	_range	16E	county	Duchesne
ls this applicati	on for	expansion o	of an existing	g project? .			Yes [X] No []		
Will the propos	ed we	ll be used fo	r:	Disposal?	d Recovery?		Yes[]	No[X]		
Is this application If this application has a casing Date of test: API number:	on is fo test b	or an existing een perform	g well,							
Proposed inject Proposed maxi Proposed inject mile of the well	mum i tion zo	njection:	from rate [x] oil, [] ç		to _pressure [] fresh wa	5619 1820 ater within	_ _psig 1/2			
		IMPOR	ΓANT:		l information ny this form.	as require	d by R61	5-5-2 should		
List of Attachm	ents: _		Attachmer	nts "A" thro	ugh "H-1"					
Title	Eric S Regu	rt is true and Sundberg latory Lead 893-0102	complete to	o the best o	of my knowle Signature Date	edge.				- -
(State use only Application app Approval Date	•	by					_Title			

FEDERAL 9-24-9-16

Spud Date: 2/27/08 Put on Production: 4/22/08

GL: 5566' KB: 5578'

Proposed Injection Wellbore Diagram

Cement Top @ 110'

Casing Shoe @ 307'

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts DEPTH LANDED: 307.29'

HOLE SIZE:12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt 2 bbls returned.

FRAC JOB

4/11/08 5291-5298'

Frac CP sds as follows:

30,370#'s of 20/40 sand in 399 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1876. Actual Flush: 4788 gal.

4/11/08 4826-4834

Frac A3 sds as follows:

15,115#'s of 20/40 sand in 273 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2593 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP ws 2180. Actual Flush: 4326 gal.

4/11/08 4625-4632'

Frac B1 sds as follows:

18,870# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1927 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1850. Actual Flush: 4356 gal.

8/2/09

Tubing Leak. Updated rod & tubing details.

2/20/10

Tubing Leak. Updated rod and tubing detail.

2/23/2010

Tubing Leak. Updated rod and tubing detail.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 131 jts (5735.06)

DEPTH LANDED: 5663' HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP @ 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5339.4') TUBING ANCHOR: 5351.4' KB NO. OF JOINTS: 1 jts (31.5') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5385.7' KB NO. OF JOINTS: 2 jts (62.8') NOTCHED COLLAR: 5449.6' KB

TOTAL STRING LENGTH: EOT @ 5450' KB

PERFORATION RECORD

5370-5378 4 JSPF 32 holes 5328-5336' 4 JSPF 32 holes 4 JSPF 28 holes 5291-5298' 4826-4834' 4 JSPF 32 holes 4625-4632' 4 JSPF 28 holes

4826-4834 5291-5298'

> 5328-5336' 5370-5378

Packer @ 4575' 4625-4632

PBTD @ 5619'

TD @ 5700°

NEWFIELD

FEDERAL 9-24-9-16

2024'FSL & 569' FEL

NE/SE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33338; Lease # UTU-15855

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #9-24-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #9-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3675' - 5619'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3354' and the TD is at 5700'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #9-24-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-15855) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 307' KB, and 5-1/2", 15.5# casing run from surface to 5663' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1820 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #9-24-9-16, for existing perforations (4625' - 5298') calculates at 0.83 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1820 psig. We may add additional perforations between 3354' and 5700'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #9-24-9-16, the proposed injection zone (3675' - 5700') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-11.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

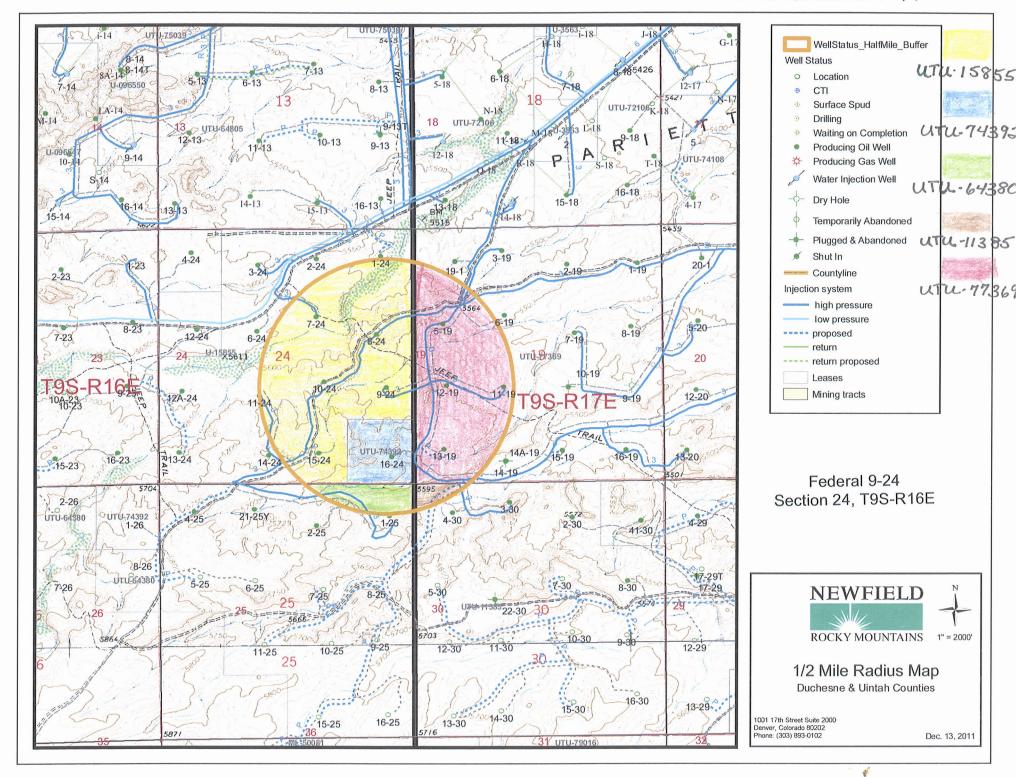
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

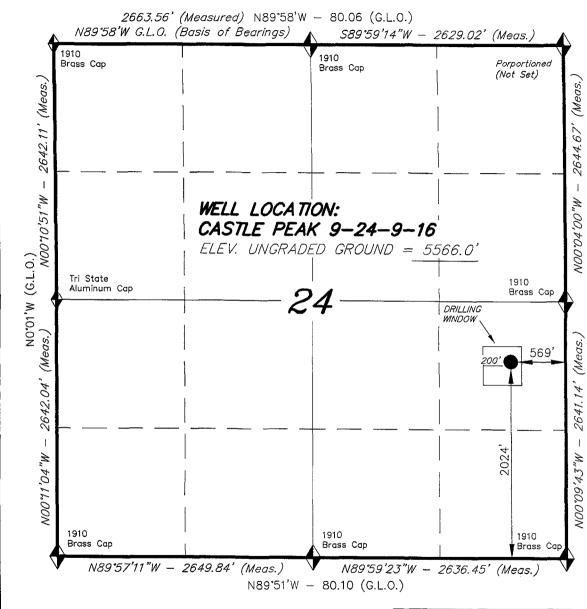
2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



T9S, R16E, S.L.B.&M.





= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) CASTLE PEAK 9-24-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 52.81" LONGITUDE = 110° 03' 37.32"

(6.1.0)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE PEAK 9-24-9-16, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 24, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OFFE ABOVE PET WAS PREPARED FROM FIELD OF ACTUBLY SURVEYS MADE BY ME OR UNDER THE SAME ARE TRUE AND SORRECT TO THE SEST OF MY KNOWLEDGE AND FELICE NO. 189377

REGISTERS D LAND SURVEYOR REGISTRATE OF BEAM TE OF

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

	,
DATE SURVEYED: 5-12-06	SURVEYED BY: D.P.
DATE DRAWN: 06-16-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE,SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLc King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
2	T9S-R16E SLM Section 21: S2 Séction 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC Newfield EXPL Gulf Coast Inc ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 25: N2, NESW, SE Section 26: NWNE, SENE, SWSW	USA UTU-64380 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
4	T9S-R17E SLM Section 25: NWSW Section 29: NW,N2SW,SWSW Section 30: E2W2, E2, Lots 1,2,3,4	USA UTU-11385 HBP	Newfield Production Company Newfield RMI LLC	USA
5	T9S-R17E SLM Section 19: All Section 20: S2NE, W2, SE	USA UTU-77369 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Attachment E

FEDERAL 9-24-9-16

Spud Date: 2/27/08

Put on Production: 4/22/08

GL: 5566' KB: 5578'

Wellbore Diagram

Cement Top @ 110'

Casing Shoe @ 307'

Initial Production: BOPD, MCFD. BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts DEPTH LANDED: 307,29'

PRODUCTION CASING CSG SIZE: 5-1/2"

LENGTH: 131 jts (5735.06)

DEPTH LANDED: 5663' HOLE SIZE: 7-7/8"

HOLE SIZE:12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt 2 bbls returned

FRAC JOB

4/11/08 5291-5298'

Frac CP sds as follows:

30,370#'s of 20/40 sand in 399 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1876. Actual Flush: 4788 gal.

4/11/08 4826-4834'

Frac A3 sds as follows:

15,115#s of 20/40 sand in 273 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2593 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP ws 2180. Actual Flush: 4326 gal.

4/11/08 4625-4632

Frac R1 ede as follows:

18,870# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1927 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1850. Actual Flush: 4356 gal.

8/2/09

Tubing Leak. Updated rod & tubing details.

2/20/10

Tubing Leak. Updated rod and tubing detail.

05/16/2012

Tubing Leak. Updated rod and tubing detail. Tubing Leak. Updated rod and tubing detail

2/23/2010

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT: TOP @ 110'

GRADE: J-55

WEIGHT: 15.5#

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 168 jts (5339.4') TUBING ANCHOR: 5351.4' KB NO. OF JOINTS: 1 its (31.5') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5385.7' KB NO. OF JOINTS: 2 jts (62.8') NOTCHED COLLAR: 5449.6' KB TOTAL STRING LENGTH: EOT @ 5450' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods

SUCKER RODS: 94 - 3/4" 4per Guided Rods (2350'), 77 - 3/4" Sucker Rods (1925'), 37 - 1/4" 4per Guided Rods (925'), 6 - 1 1/2" Sinker Bar (150'), 6 - 1" Stabilizer Rod (20')

PUMP SIZE: CDI 2-1/2" x 1-1/4", 14' x 18' RHAC

STROKE LENGTH: 86' PUMP SPEED, SPM: 5

4625-4632

4826-4834

5291-5298 5328-5336'

Anchor @ 5351'

5370-5378

EOT @ 5450'

SN @ 53863

NEWFIELD

FEDERAL 9-24-9-16

2024'FSL & 569' FEL

NE/SE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33338; Lease # UTU-15855

PERFORATION RECORD

5370-5378' 4 JSPF 32 holes 5328-5336' 4 JSPF 32 holes 5291-5298' 4 ISPF 28 holes 4826-4834 4 JSPF 32 holes

4625-4632' 4 JSPF 28 holes

PBTD @ 5619 TD @ 5700'

ML 5/7/2010

Updated by CS 05/16/2012

ATTACHMENT E-1

FEDERAL 5-19-9-17

Spud Date: 09/04/07 Initial Production: BOPD. Put on Production: 10/23/07 Wellbore Diagram MCFD, BWPD GL: 5537' KB: 5549' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 10/18/07 4678-4696* Frac B2 sands as follows: 110497# 20/40 sand in 834 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1733 psi w/avg rate of 23.1 BPM. ISIP 1999 psi. Calc flush: 4676 gal. Actual flush: 4082 gal. Cement Top @ 110' WEIGHT: 24# LENGTH: 7 jts. (312.37') 10/18/07 4386-4398 Frac D1 sands as follows: DEPTH LANDED: 324.22' KB 35067# 20/40 sand in 369 bbl Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1649 psi w/avg rate of 23.0 BPM, ISIP 1760 psi. Calc CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 3 bbls cmt to surf. flush: 4384 gal. Actual flush: 3797 gal. Frac PB8 sands as follows: 10/18/07 4066-4075 45256# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2097 psi w/avg rate of 23.0 BPM. ISIP 2009 psi. Calc flush: 4064 gal. Actual flush: 3562 gal. Frac GB6 sands as follows: 10/18/07 3924-3931 PRODUCTION CASING 45222# 20/40 sand in 425 bbls Lightning 17 frac fluid. Treated@ avg press of 1785 psi CSG SIZE: 5-1/2' w/avg rate of 23.0 BPM. ISIP 1849 psi. Calc GRADE: J-55 flush: 4826 gal. Actual flush: 3415 gal. WEIGHT: 15.5# 10/18/07 3838-3845 Frac GB4 sands as follows: 11221# 20/40 sand in 242 bbls Lightning 17 LENGTH: 147 jts. (5666.19') frac fluid. Treated @ avg press of 1907 psi DEPTH LANDED: (5679.44') KB w/avg rate of 23.0 BPM. ISIP 1623 psi. Calc HOLE SIZE: 7-7/8' flush: 3836 gal. Actual flush: 3751 gal. CEMENT DATA: 378 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. 6/9/08 Stuck pump. Rod details updated. CEMENT TOP: 110' SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 150 its (4644.83') TUBING ANCHOR: 4656.83' KB NO. OF JOINTS: 1 jts (31.45') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4691.08' KB NO. OF JOINTS: 2 jts (61.51') TOTAL STRING LENGTH: EOT @ 4754.14' KB 3838-3845 3924-3931' PERFORATION RECORD SUCKER RODS 10/23/07 4678-4696' 4 JSPF 4066-4075 POLISHED ROD: 1-1/2" x 26' SM polished rods 10/23/07 4386-4398 48 holes 4 JSPF SUCKER RODS:2-2',1-4',1-6' & 1-6',8' x 3/4" pony rods, 99-3/4" scrapered 10/23/07 4066-4075 4 JSPF 36 holes rods, 61-3/4" plain rods, 20-3/4" scrapered rods, 6-1 1/2" weight rods. 10/23/07 3924-3931 4 JSPF 28 holes 4386-4398 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 15" 'RHAC 10/23/07 3838-3845° 4 JSPF 28 holes STROKE LENGTH: 86' Anchor @ 4657 PUMP SPEED, 5 SPM: 4678-46963 SN 4691 EOT @ 4754' PBTD @ 5641' NEWFIELD SHOE @ 5679' FEDERAL 5-19-9-17 TD @ 5700' 1950'FNL & 614' FWL

SW/NW Section 19-T9S-R17E

Duchesne Co, Utah

API #43-013-33191; Lease # UTU-77369

ATTACHMENT E-2

Federal 11-19-9-17

Spud Date: 8/6/08

Put on Production: 11/18/08

Wellbore Diagram

Cement top @ 583

Casing Shoe @ 309

GL: 5543' KB: 5555' SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts (309.24') DEPTH LANDED: 309,24' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1-160, sxs Class "G" cmt, est 35 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 157 jts (5945.49') DEPTH LANDED: 5655.91' HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx Premlite and 400 sx 50/50 Poz

CEMENT TOP AT: 58'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 151 jts (4778.3') TUBING ANCHOR: 4790.3' KB NO. OF JOINTS: 1 jts (31.3') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4824.3' KB NO. OF JOINTS: 2 jts (63.81)

TOTAL STRING LENGTH: EOT @ 4890'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26

SUCKER RODS: 1-8' x 3/4" pony rod, 187-3/4" guided rods, 4-1 1/2" weight

PUMP SIZE: CDI- 2 1/2x 1 1/2x 16'x 20' RHAC

STROKE LENGTH: 102" PUMP SPEED, SPM: 5

NEWFIELD

Federal 11-19-9-17

2002' FSL & 1865' FWL

NE/SW Section 19-T9S-R17E

Duchesne Co, Utah

API # 43-013-33196; Lease # UTU- 77369

FRAC JOB

11/13/08 4816-4826* Frac A1 sds as follows:

40,297#'s of 20/40 sand in 400 bbls of Lightning 17 fluid. Broke @ 2465 psi. Treated w/ ave pressure of 1826 psi w/ ave rate of 23.2 BPM. ISIP 1951 psi. Actual flush: 4309 gals.

11/13/08 4578-4632 Frac B.5/B1 sds as follows:

30,196#'s of 20/40 sand in 387 bbls of Lightning 17 fluid. Broke @ 4220 psi. Treated w/ ave pressure of 1877 psi w/ ave rate of 23.1 BPM. ISIP 1790 psi. Actual flush: 4074 gals.

11/13/08 3854-3898

Frac GB4/GB6 sds as follows:

58,242#'s of 20/40 sand in 487 bbls of Lightning 17 fluid. Broke @ 1475 psi. Treated w/ ave pressure of 1417 psi w/ ave rate of 23.3 BPM. ISIP 1570 psi. Actual flush: 3767 gals.

9/18/09

Tubing Leak. Updated rod & tubing details.

6/18/2010

Pump change updated rod and tubing detail.

9/17/2010

3854-3860

3886-3898

4578-4582

4624-4632

4816-48263

EOT @ 4890' PBTD @ 5561'

SHOE @ 5656'

TD@ 5680'

SN @4824'

Anchor @ 4790'

Tubing Leak. Updated rod and tubing detail.

PERFORATION RECORD

11/13/08 3854-3860' 4 JSPF 24 holes 11/13/08 3886-3898' 4 JSPF 48 holes 11/13/08 4578-45823 4 JSPF 16 holes 11/13/08 4624-46321 4 JSPF 21 holes 11/13/08 4816-4826 4 JSPF 40 holes

ATTACHMENT E-3

Federal 12-19-9-17

Spud Date: 7/29/08 Put on Production: 11/21/08

GL:5554' KB: 5566'

Wellbore Diagram

Cement top @ 69'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts (312.09') DEPTH LANDED: 323.94' KB HOLE SIZE: 12-1/4'

CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 145 jts DEPTH LANDED: 5675' HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx of Lead & 400 sx of tail class "G"

CEMENT TOP AT: 69'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 NO. OF JOINTS: 166 jts (5264.30') TUBING ANCHOR: 5276.30' NO. OF JOINTS: 2 jts (63. ') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5342.' KB NO. OF JOINTS: 2 its (6340')

TOTAL STRING LENGTH: EOT @ 5407' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" X 26' Polished Rod

SUCKER RODS: 1-6' X 3/4" pony rod, 208-3/4" scrapered rods, 6-1 1/2"

PUMP SIZE: 2 1/2" X 1 1/2" X 20" RHAC pump w/ sm plunger

STROKE LENGTH: 102 "

FRAC JOB

11/14/08 5294-5340' Frac CP2/CP3 sds as follows: that Cl 13 and in 465 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2014 psi @ ave rate of 23.3 BPM. ISIP 2053 psi. Actual flush: 4872 gals.

Frac CPLS sds as follows: 11/14/08 5203-5209 10,158#'s of 20/40 sand in 230 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2390 psi w/ ave rate of 23.1 BPM. ISIP 2220 psi. Actual flush:

4696 gals.

11/14/08 4798-4828' Frac A1 sds as follows: 41.260#'s of 20/40 sand in 397 bbls of Lightning 17 fluid. Treated w/ ave

pressure of 1873 psi w/ ave rate of 23.2 BPM. ISIP 2020 psi. Actual flush:

11/14/08 4520-5434' Frac C sds as follows:

46,911% of 20/40 sand in 434 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2116 psi w/ ave rate of 23.2 BPM. ISIP 2052 psi. Actual flush: 4015 gals.

07/22/10

Tubing Leak. Rod & Tubing updated.

weighted rods

PUMP SPEED, SPM: 5 SPM

PERFORATION RECORD 11/14/08 4378-4386' 4 JSPF 4 JSPF 4520-4534'

5332-5340'

11/14/08

56 holes 11/14/08 11/14/08 4798-4806' 4 JSPF 32 holes 11/14/08 4822-4828 4 JSPF 24 holes 11/14/08 5203-5209° 4 JSPF 24 holes 11/14/08 5294-5302' 4 JSPF 32 holes

4 JSPF

32 holes

NEWFIELD West .

Federal 12-19-9-17

2053' FSL & 685' FWL NW/SW Section 19-T9S-R17E

Duchesne Co, Utah

API # 43-013-33197; Lease # UTU-77369

SN @ 5346'

4378-4386°

4520-4534

4798-48063

4822-4828

5203-5209

5294-53023

5332-5340'

EOT @ 5556'

PBTD @ 5621'

Anchor @ 5281'

Attachment E-4

Federal 13-19-9-17

Spud Date: 5-06-08 Put on Production: 6-10-08 GL: 5586' KB: 5598'

Wellbore Diagram

FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 6-05-08 4756-4764 Frac A1 sands as follows: Frac with 15109 #'s of 20/40 sand in 50 GRADE: J-55 bbls Lightning 17 fluid. Treat at an ave WEIGHT: 24# pressure of 2055 psi @ 23.8 BPM. ISIP 1972 psi. LENGTH: 7 jts. (310.13') Frac B2 sands as follows: Frac with 45816 #'s of 20/40 sand in 432 6-05-08 4638-4650 HOLE SIZE: 12-1/4" bbls Lightning 17 fluid. Treat at an ave CEMENT DATA: 160 sxs Class "G" cmt pressure of 1813 psi @ 23.6BPM. ISIP 1894 psi. 6-05-08 3840-3850 Frac GB4 sands as follows: Frac with 19624 #'s of 20/40 sand in 287 bbls Lightning 17 fluid. Treat at an ave pressure of 1474 psi @ 24 BPM. ISIP 1429 psi. 3772-3780 6-05-08 3772-3780 Frac GB2 sands as follows: PRODUCTION CASING Frac with 18205 #'s 20/40 sand in 275 bbls of Lightning 17 fluid. Treat at an ave pressure of 1705 psi @ 24.1 BPM. CSG SIZE: 5-1/2" GRADE: L-55 ISIP 1480 psi. WEIGHT: 15.5# 12/13/11 Pump Change. Rods & tubing updated. LENGTH: 134 jts. (5637.79') HOLE SIZE: 7-7/8" DEPTH LANDED: 5651.04' CEMENT DATA: 300 sk Prem. Lite II mixed & 440 sxs 50/50 POZ. 3840-3850' CEMENT TOP AT: 58' SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 154 jts (4722.3') TUBING ANCHOR: 4734. NO. OF JOINTS: 2 jts (61.') 4638-4650' SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4798.' KB NO. OF JOINTS: 2 jts (61.3') TOTAL STRING LENGTH: EOT @ 4861.07'w/ 12' KB SUCKER RODS Anchor @ 4734' POLISHED ROD: 1-1/2" x 22' Polished rod "A" SUCKER RODS: 1-2' x 3/4" Pony rod , 100-3/4" Guided rods , 65-3/4" sucker 4756-4764 rods, 20-34" guided rods, 6-1 1/2" sinker bars. PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 18' RHAC "CDI" STROKE LENGTH: 102" PUMP SPEED, SPM:5 PERFORATION RECORD EOT @ 4861' 3772-3780' 4 ISPF 32 holes 3840-3850' 4 JSPF 40 holes 4638-4650' 4 JSPF 4756-4764' 4 JSPF 32 holes PBTD @ 5619' SHOE @ 5651'

TD @ 5675'



Federal 13-19-9-17
730' FSL & 620' FWL
SWSW Section 19-T9S-R17E
Duchesne Co, Utah
API #43-013-33198; Lease #UTU-77369

FEDERAL 7-24-9-16

BOPD. Initial Production: Spud Date: 10/08/07 Put on Production: 11/29/07 Wellbore Diagram MCFD. BWPD GL: 5582' KB: 5594' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 11/28/07 4773-4780 Frac A.5 sands as follows: 17251# 20/40 sand in 275 bbls Lightning 17 GRADE: J-55 Cement Top @ 102 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc WEIGHT: 24# flush: 4771 gal. Actual flush: 4326 gal. LENGTH: 7 jts. (312.36') Frac B2 sands as follows: 11/28/07 4707-4714 DEPTH LANDED: 320.63' KB 14724# 20/40 sand in 259 bbl Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf. flush: 4705 gal. Actual flush: 4242 gal. 11/28/07 4648-46563 Frac B1 sands as follows: 34965# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal. 11/28/07 4507-4518* Frac D3 sands as follows: PRODUCTION CASING 19882# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi CSG SIZE: 5-1/2" w/avg rate of 23 BPM. ISIP 1854 psi. Calc GRADE: J-55 flush: 4505 gal. Actual flush: 3990 gal. WEIGHT: 15.5# Frac PB8 sands as follows: 11/28/07 4086-4094 39746# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc LENGTH: 133 jts. (5708.82') DEPTH LANDED: 5722.07' KB HOLE SIZE: 7-7/8' flush: 4084 gal. Actual flush: 3612 gal CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ 11/28/07 3937-3948 Frac GB6 sands as follows: 9438# 20/40 sand in 219 bbls Lightning 17 CEMENT TOP: 102 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal TUBING 7/17/08 pump change. Udpated rod and tubing detail SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# 9/16/09 Pump Change, Updated rod & tubing details NO. OF JOINTS: 151 its (4747') Tubing Leak. Updated rod and tubing detail 1/14/10 TUBING ANCHOR: 4759' KB NO. OF JOINTS: 1 jts (31.4') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4793 2' KB 3937-3948 NO. OF JOINTS: 2 its (62.8') TOTAL STRING LENGTH: EOT @ 4858' KB 4086-4094 4507-4518 PERFORATION RECORD SUCKER RODS 28 holes 4773-4780' 4 ISPF 4648-4656 POLISHED ROD: 1-1/2" x 26' polished rods 4707-4714 4 JSPF 28 holes 4648-4656 4 JSPF 32 holes SUCKER RODS:1-8', x 3/4" pony rods, 101-3/4" guided rods, 68-3/4" guided rods, 16-3/4" guided rods, 6-1 1/2" weight rods. 4507-4518 4 JSPF 44 holes 4707-4714 4086-4094` 4 JSPF 32 holes PUMP SIZE: CDI 2-1/2" x 1-1/2", 14" x 18" RHAC 3937-3948' 4 JSPF 44 holes STROKE LENGTH: 122" Anchor @ 4759' PUMP SPEED, SPM: 5 SN 4793 EOT @ 4858' PBTD @ 5677' NEWFIELD SHOE @ 5722 FEDERAL 7-24-9-16 TD @ 5750' 1790'FNL & 2019' FEL SW/NE Section 24-T9S-R16E Duchesne Co, Utah

API #43-013-33085; Lease # UTU-15855

Attachment E-6

FEDERAL 8-24-9-16

Spud Date: 2/25/08 Put on Production: 4/18/08

GL: 5603' KB: 5615'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 8 jts DEPTH LANDED: 333' HOLE SIZE:12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

Cement Top @ 40'

PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 137 jts DEPTH LANDED: 5739'

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP: 403

HOLE SIZE: 7-7/8"

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 166 jts (5216.48') TUBING ANCHOR: 5228.48' KB NO. OF JOINTS: 1 jts (31.42') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5262.70' KB NO. OF JOINTS: 2 jts (62.90') TOTAL STRING LENGTH: EOT @ 5327.15' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods

SUCKER RODS: 1-4' x 3/4" pony sub, 97-3/4" guided rods, 87-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.

PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 18' RHAC

STROKE LENGTH: 102' PUMP SPEED, SPM: 5

SN 52631

FRAC JOB

4/1/08 5272-5278

Frac CP.5 sds as follows:

15,319# 20/40 sand in 284 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2126 psi @ ave rate of 23.3 BPM. ISIP 2956 psi. Actual Flush: 4750 gal.

4/1/08 4693-4702'

Frac B1 sds as follows:

60,062# 20/40 sand in 502 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1779 psi @ ave rate of 23.5 BPM. ISIP 1884 psi. Actual Flush: 4179 gal.

4/1/08 4520-4532'

Frac D2 sds as follows:

35,229 20/40 sand in 407 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2972 psi @ ave rate of 21.1 BPM. ISIP 2107 psi. Actual Flush: 3986

4/1/08 3949-3956'

Frac GB6 sds as follows:

29,694# 20/40 sand in 367 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1808 psi @ ave rate of 23.5 BPM. ISIP 1640 psi. Actual Flush: 3486 gal.

4/1/08 3878-3886'

3878-3886

3949-3956'

4520-4532"

4693-47023

5272-5278

Anchor @ 5401'

EOT @ 5327' PBTD @ 5695

TD @ 5738

Frac GB2 sds as follows:

31,997#'s of 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1932 psi @ ave rate of 23.5 BPM. ISIP 1618 psi. Actual Flush:

PERFORATION RECORD

4/1/08 3878-3886' 4 ISPE 32 holes 3949-3956' 4 JSPF 4/1/08 28 holes 4520-4532' 4 ISPF 48 holes 4/1/08 4/1/08 4693-4702' 4 JSPF 36 holes 3/31/08 5272-5278' 4 JSPF 24 holes

NEWFIELD

FEDERAL 8-24-9-16

2148'FNL & 763' FEL

SE/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33086; Lease # UTU-15855

Federal 10-24-9-16

Spud Date: 02/28/08 Put on Production: 4/03/08 GL: 5619' KB: 5631'

API #43-013-33339; Lease #UTU-15855

Wellbore Diagram

FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 3-28-08 5327-5337 Frac CP2 sands as follows: Frac with 35352# 20/40 sand in 424bbls GRADE: J-55 Lightning 17 fluid. Treat with ave Cement Top@ 120 WEIGHT: 24# pressure of 1894 psi @ 23.4 BPM. ISIP 1833 psi. LENGTH: 7 jts. (308.08') Frac A3 sands as follows: 4857-4876 3-28-08 HOLE SIZE: 12-1/4" Frac with 120384# 20/40 sand in 867 CEMENT DATA: 160 sxs Class "G" cmt bbls Lightning 17 fluid. Treat with ave pressure of 1747psi @ 26 BPM. ISIP 2031psi. Frac GB2 & CB4 sands as follows: 3-28-08 3830-3836 Frac with 18427# 20/40 sand in 269 bbls Lightning 17 fluid. Treat with ave pressure of 1791psi @ 23.4 BPM. ISIP 1700 psi. 9/3/09 Pump change. Updated rod & tubing PRODUCTION CASING details CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 132jts. (5761.15') HOLE SIZE: 7-7/8" TOTAL DEPTH: 5730.96 ' CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 1203 SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# 3830-3836 NO. OF JOINTS: 168 jts (5283.44') TUBING ANCHOR: 5295.44' NO. OF JOINTS: 1 jts (31.49') 3862-3871 SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5329.73' KB NO. OF JOINTS: 2 jts (62.63') TOTAL STRING LENGTH: EOT @ 5393.91' w/12' KB SUCKER RODS POLISHED ROD: 1-1/2" x 26° 4857-4876 SUCKER RODS: 1-2', 1-4',1-6', 1-8' x 34" pony rods "B", 216-34" scrapered "B" rods, 6-11/2" weight "B" rods PUMP SIZE: 2-1/2" x 1-1/2" 12" x 18' RHAC pump w/ SM plunger STROKE LENGTH: 86" PUMP SPEED, SPM:4 Anchor @ 5295 PERFORATION RECORD 5327-5337 3830-3836' 4 JSPF 3862-3871' 4 JSPF 24 holes SN @ 5330' 36 holes 4857-4876' 4 JSPF 76 holes 5327-5337' 4 JSPF EOT @ 5394' **NEWFIELD** PBTD @ 5686' SHOE @ 5731' Federal 10-24-9-16 TD @ 5725 2138' FSL & 1861' FEL NWSE Section 24-T9S-R16E Duchesne Co, Utah

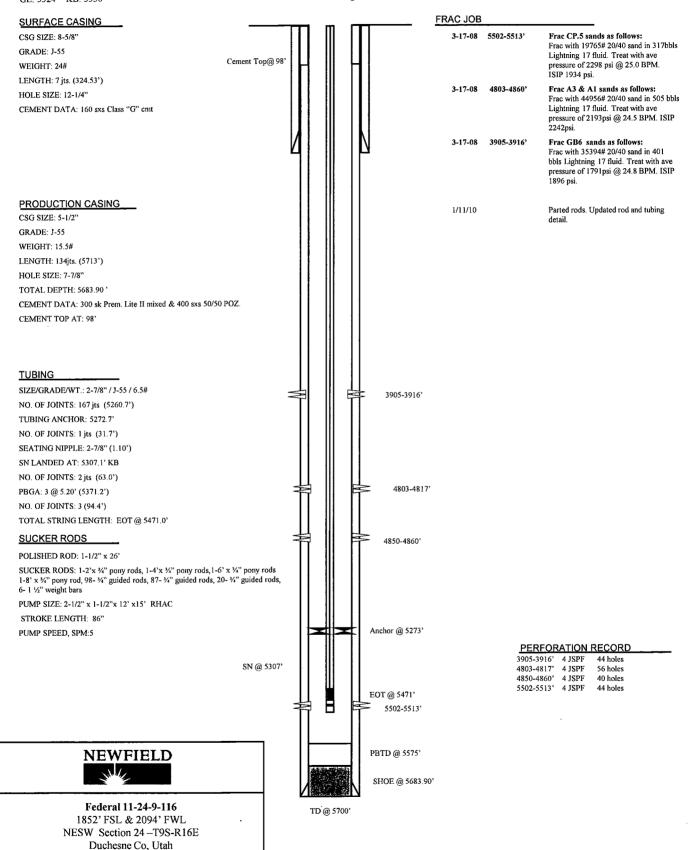
Attachment E-8

Federal 11-24-9-16

Spud Date: 1/28/08 Put on Production: 03/27/08 GL: 5524' KB: 5536'

API #43-013-33340; Lease UTU-15855

Wellbore Diagram



Federal 15-24-9-16

BOPD. Spud Date: 1-29-08 Initial Production: MCFD, BWPD Put on Production: 4-4-08 Wellbore Diagram GL: 5692' KB: 5704' FRAC JOB SURFACE CASING CSG S17F: 8-5/8" 3-25-08 5346-5388 Frac CP2, & CP3 sands as follows: 14902# 20/40 sand in 274 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 2088 psi w/avg rate of 22.8 BPM. ISIP 1723 psi. Calc flush: 5344 gal. Actual flush: 4872 gal. Cement top @ 188 WEIGHT: 24# LENGTH: 7 jts (310.60') Frac A1 sands as follows: 03-25-08 4824-4835 DEPTH LANDED: 322.45' KB 80085# 20/40 sand in 620 bbls Lightning 17 frac fluid. Treated @ avg press of 2028 psi HOLE SIZE:12-1/4" w/avg rate of 25.4 BPM. ISIP 2346 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf. flush: 4822 gal. Actual flush: 4368 gal. Frac B2, & B.5 sands as follows: 50285# 20/40 sand in 439 bbls Lightning 17 03-25-08 4646-4697' frac fluid. Treated @ avg press of 1938 psi w/avg rate of 25.3 BPM. ISIP 1902 psi. Calc flush: 4644 gal. Actual flush: 4158 gal. Frac PB11 sand as follows: 55398# 20/40 sand in 471 bbls Lightning 17 frac fluid. Treated@ avg press of 2101 w/ avg rate of 25.3 BPM. ISIP 2088 psi. Calc 03-25-08 4196-4207 PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 flush: 4194 gal. Actual flush: 3696 gal. WEIGHT: 15.5# 03-25-08 3910-3920' Frac GB4 sand as follows: 44184# 20/40 sand in 403 bbls Lightning 17 LENGTH: 132 its. (5691.43') frac fluid. Treated @ avg press of 1785 w/ avg rate of 25.4 BPM. ISIP 1860 psi. Calc DEPTH I ANDED: 5704 68' KB flush: 3908 gal. Actual flush: 3822 gal. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ. 03/16/10 Parted Rods. Tubing & Rods updated. CEMENT TOP AT: 188 3910-3920 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4196-4207 NO. OF JOINTS: 170 jts (5352.84') TUBING ANCHOR: 5352.80' KB NO. OF JOINTS: 1 its (31.30') T 4646-4654° SEATING NIPPLE: 2-7/8" (1.10') 4691-4697 SN LANDED AT: 5386.90' KB NO. OF JOINTS: 2 jts (62.56') 4824-4835 TOTAL STRING LENGTH: EOT @ 5451' KB 5346-5354 Anchor @ 5353' PERFORATION RECORD SUCKER RODS SN 5387' 03-20-08 5382-5388' 4 JSPF 24 holes = 5382-5388° 03-20-08 5346-5354' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 26' SM 03-25-08 4824-4835" 4 ISPF 44 holes SUCKER RODS: 2', 4' x ¼" pony rods, 93- ¼" guided rods, 77- ¼" sucker rods, 37- ½" guided rods, 6- 1 ½" weight rods. 03-25-08 4691-4697 24 holes 03-25-08 4646-4654* 4 JSPF 32 holes PUMP SIZE: 2-1/2" x 1-1/2" x 16 x20' RHAC w/SM plunger 4196-4207' 4 JSPF 44 holes STROKE LENGTH: 102' 03-25-08 3910-3920' 4 JSPF 40 holes PUMP SPEED, SPM: 5 SPM EOT @ 5451' NEWFIELD PBTD @ 56613 SHOE @ 5704' Federal 15-24-9-16 TD @ 5750' 660' FSL & 1980' FEL SW/SE Section 24-T9S-R16E

Duchesne Co, Utah
API # 43-013-33344; Lease # UTU-15855

Federal 1-24-9-16

Spud Date: 10-10-07 Put on Production: 11-5-07 GL: 5535° KB: 5547°

Wellbore Diagram

FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 10-31-07 5303-5363 Frac CP 1&2 sands as follows: Frac with 14554# 20/40 sand in 285 bbls GRADE: J-55 Cement Top@ 49 Lightning 17 fluid. Treat at 2420 psi @ WEIGHT: 24# 24.8 BPM, ISIP 2020 psi, LENGTH: 7 its. (311.69') 10-31-07 4902-4920' Frac A3 sands as follows: Frac with 89906# 20/40 sand in 691 bbls HOLE SIZE: 12-1/4" Lightning 17 fluid. Treat at 2070psi @ CEMENT DATA: 160 sxs Class "G" cmt 24.8 BPM. ISIP 1785psi 10-31-07 4386-4392 Frac DS3 sands as follows: Frac with 25051# 20/40 sand in 339 bbls Lightning 17 fluid. Treat at 21300psi @ 24.8 BPM. ISIP 1920 psi. 10-31-07 4091-4101 Frac PR8 sand as follows: Frac with 62099# 20/40 sand in 499 bbls Lightning 17 fluid. Treat at 2028 psi @ 24.8 BPM. ISIP 2110 psi. PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 148jts. (55748.15') HOLE SIZE: 7-7/8" TOTAL DEPTH: 5761.4' 4091-4101 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 493 4386-4392 TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4679-4684 NO. OF JOINTS: 169 jts (5319.90') TUBING ANCHOR: 5331.903 4732-4737 NO. OF JOINTS: 1 jts (31.54') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5366.24' KB 4902-4920 NO. OF JOINTS: 2 jts (62.96') TOTAL STRING LENGTH: EOT @ 5430.75' w/12' KB 5303-5308 SUCKER RODS POLISHED ROD: 1-1/2" x 26' Anchor @ 5332' SUCKER RODS: 1-8', 1-6', 1-2' x 3/4" ponies, 99-3/4" scrapered rods, 88-3/4" plain rods, 20-3/4" scrapered rods, 6-13/2" weight rods. PUMP SIZE: 2-1/2" x 1-1/2" x 14.5" 5357-5363 STROKE LENGTH: 86" PUMP SPEED, SPM:5 SN @ 5366 PERFORATION RECORD 4091-4101' 4 JSPF 40 holes 4386-4392' 4 JSPF 24 holes 4679-4684' 4 JSPF 20 holes 4732-4737 4 JSPF 20 holes 4902-4920' 4 JSPF 72 holes EOT @ 5431' 5303-5308' 4 JSPF 20 holes 5357-5363' · 4 JSPF PBTD @ 5722' NEWFIELD SHOE @ 5761'

TD @ 5750'

Federal 1-24-9-16 537' FNL & 671' FEL NENE Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33082; Lease #UTU-15855

Federal 16-24-9-16

Spud Date: 03-10-08 Put on Production: 04-23-08 GL: 5607' KB: 5619'

Wellbore Diagram

4342-4359

4506-4530

4777-4787

Anchor @ 5161'

5191-5200'

EOT @ 5259'

PBTD @ 5628'

SHOE @ 5660'

TD @ 5690'

SURFACE CASING CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 8 jts. (314.56') HOLE SIZE: 12-1/4" CEMENT DATA: 160 sxs Class "G" cmt Cement Top@ 320' PRODUCTION CASING CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 133 jts. (5659.85') HOLE SIZE: 7-7/8" DEPTH LANDED: 5690' CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ. CEMENT TOP AT: 320' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 164 jts (5146.34') TUBING ANCHOR: 5161.34' NO. OF JOINTS: 1 jts (32.42') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5195.86' KB NO. OF JOINTS: 2 jts (62.84') TOTAL STRING LENGTH: EOT @ 5259.10' w/12' KB SUCKER RODS POLISHED ROD: 1-1/2" x 26' SUCKER RODS:4', 6', 8' x $\frac{3}{4}$ pony rods, 97- $\frac{3}{4}$ " scrapered rods, 83- $\frac{3}{4}$ " plain rods, 20- 3/4" scrapered rods, 6- 1 1/2" weight rods PUMP SIZE: 2-1/2" x 1-1/2" x 10" x 14" RHAC pump w/ SM plunger STROKE LENGTH: 106" PUMP SPEED, SPM: 5 SN @ 5196'

FRAC JOB		
04-15-08	5191-5200	Frac CP1 sands as follows: Frac with 29682 #'s of 20/40 sand in 400 bbls of Lightning 17 fluid. Treat at an ave pressure 2195 psi @ 23.3 BPM. ISIP 2600 psi.
04-15-08	4777-4787'	Frac A1 sands as follows: Frac with 54889 #'s of 20/40 sand in 492 bbls of Lightning 17 fluid. Treat at an ave pressure of 1930 psi @ 23.4 BPM. ISIP 2058 psi.
04-15-08	4506-4530'	Frac C sands as follows: Frac with 109721 #'s of 20/40 sand in 801 bbls of Lightning 17 fluid. Treat at an ave pressure of 1930 psi @ 23.1 BPM. ISIP 1810 psi.
04-15-08	4342-4359'	Frac D1 sands as follows: Frac with 56918 #'s of 20/40 sand in 516 bbls of Lightning 17 fluid. Treat at an ave pressure of 1990 psi @ 23.4 BPM. ISIP 2108 psi.

PERFORATION RECORD

4342-4359'	4 JSPF	68 holes
4506-4530'	4 JSPF	96 holes
4777-4787	4 JSPF	40 holes
5191-5200'	4 JSPF	36 holes



Federal 16-24-9-16 579' FSL & 466' FEL SESE Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33345; Lease #UTU-74392

Multi-Chem Analytical Laboratory

1553 East Highway 40 Vernal, UT 84078



Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Well Name: BELUGA INJECTION

Sample Point: Comingled
Sample Date: 1/16/2012
Sample ID: WA-205556

Multi-Chem - A Halliburton Service

Sales Rep: Darren Betts
Lab Tech: John Keel

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Speci	fics		Analysis @ Prop	perties in Sample Specifics	经验的基本的
Test Date:	1/16/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	2975.08	Chloride (CI):	3800.00
System Pressure 1 (psig):	1300.00	Potassium (K):	10.00	Sulfate (SO ₄):	374.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	12.50	Bicarbonate (HCO ₃):	1049.00
System Pressure 2 (psig):	14.70	Calcium (Ca):	28.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.00	Strontium (Sr):		Acetic Acid (CH3COO)	0.00
pH:	8.20	Barium (Ba):	2.20	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	8252.18	Iron (Fe):	0.50	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.40	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO ₂ (mg/L)):	0.00	Lead (Pb):	0.30	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	55.00	Manganese (Mn):	0.20	Silica (SiO2):	

Notes:

P=2.8

(PTB = Pounds per Thousand Barrels)

Friday, January 20, 2012

Tomp		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	РТВ
70	14	0.79	15.32	1.73	1.29	3.48	0.28	0.81	0.31	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.21
95	157	0.82	15.56	1.50	1.27	3.26	0.28	0.94	0.32	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.21
121	300	0.89	16.81	1.32	1.25	3.14	0.28	1.09	0.33	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.21
146	443	0.99	18.22	1.19	1.22	3.08	0.28	1.24	0.34	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.21
172	585	1.10	19.64	1.09	1.21	3.08	0.28	1.39	0.35	0.00	0.00	0.00	0.00	0.00	0.00	10.16	0.21
197	728	1.23	20.92	1.03	1.19	3.11	0.28	1.53	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.94	0.21
223	871	1.36	21.98	1.00	1.18	3.17	0.28	1.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.76	0.21
248	1014	1.50	22.79	0.99	1.18	3.26	0.28	1.77	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.21
274	1157	1.65	23.37	1.00	1.18	3.36	0.28	1.87	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.21
300	1300	1.79	23.76	1.02	1.18	3.47	0.28	1.96	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.21

			ihydrate 4~0.5H2 O		ydrate iSO4		lcium oride		Zinc Donate		ead ulfide		Mg icate		a Mg icate		Fe icate
Temp (°F)	PSI	SI	РТВ	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.14	13.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.21	12.45	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.24	11.87	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.25	11.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.26	10.96	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.26	10.61	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.27	10.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.27	10.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.27	9.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide

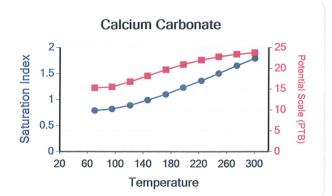
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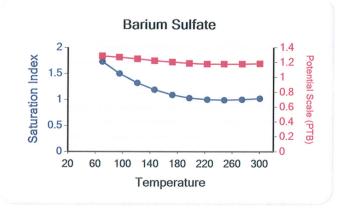
1553 East Highway 40 Vernal, UT 84078 ATTACHNENT F

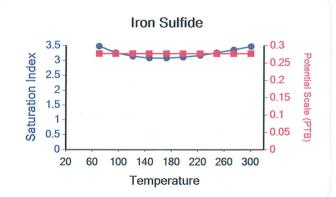
multi-chem

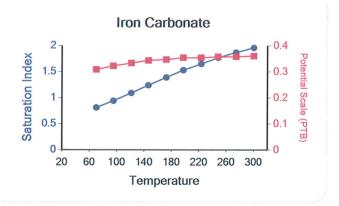
A HALLIBURTON SERVICE

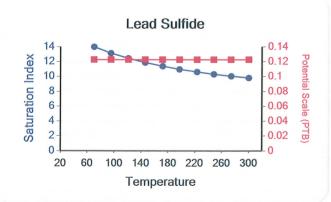
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

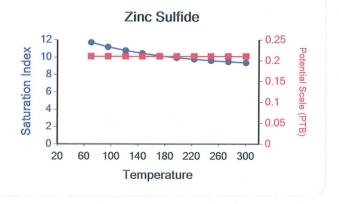


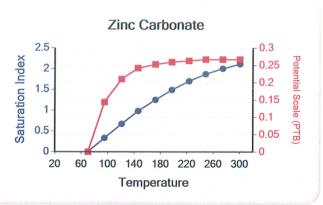












Ethics

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

ATTACHMENT F multi-chem 3 & 5 A HALLIBURTON SERVICE

Multi-Chem Analytical Laboratory

1553 East Highway 40 Vernal, UT 84078





Water Analysis Report

NEWFIELD PRODUCTION Production Company:

Well Name: FEDERAL 9-24-9-16

Calcium

Commitment

Barium Sulfate

Treater Sample Point: 12/19/2011 Sample Date: WA-204732 Sample ID:

Sales Rep: Darren Betts Lab Tech: Gary Peterson

Gypsum

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Speci	fics		Analysis @ Prop	perties in Sample Specifics	
Test Date:	12/19/2011	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	8488.03	Chloride (CI):	12400.00
System Pressure 1 (psig):	3000.00	Potassium (K):	0.00	Sulfate (SO4):	1211.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	47.00	Bicarbonate (HCO3):	707.00
System Pressure 2 (psig):	14.70	Calcium (Ca):	247.70	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
pH:	8.20	Barium (Ba):	0.38	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	23132.25	Iron (Fe):	29.80	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO ₂ (mg/L)):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
H ₂ S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Water (mg/L):	0.00	Manganese (Mn):	1.34	Silica (SiO2):	0.00

Notes:

Ethics

P=49.5mg/l

(PTB = Pounds per Thousand Barrels)

Halite

Sulfide

Celestite

	1	CHECK MANAGEMENT	onate				mae		onate	Caso		011			acı		
Гетр (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB
70	14	1.43	50.74	1.03	0.21	0.00	0.00	2.22	21.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.45	51.36	0.80	0.19	0.00	0.00	2.33	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.50	57.52	0.61	0.17	0.00	0.00	2.45	21.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.56	64.92	0.46	0.15	0.00	0.00	2.55	21.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.63	73.49	0.36	0.13	0.00	0.00	2.64	21.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.71	83.08	0.28	0.11	0.00	0.00	2.72	21.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.79	93.44	0.22	0.09	0.00	0.00	2.79	21.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.87	104.28	0.19	80.0	0.00	0.00	2.83	21.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.96	115.29	0.18	0.07	0.00	0.00	2.86	21.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2000	2.04	126.13	0.17	0.07	0.00	0.00	2.87	21.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	Hemil	hydrate	Anh	ydrate		lcium		linc		ead		Иg		a Mg		Fe .
300	3000	Hemil CaSO	hydrate 4~0.5H2 O	Ca	SO4	Flu	oride	Cart	oonate	Su	lfide	Sill	cate	Sil	icate	Sil	icate
300 Temp	PSI	Hemil CaSO	hydrate 4~0.5H2	Anh Ca	ydrate SO4 PTB												
Temp		Hemil CaSO4	hydrate 4~0.5H2 O	Ca	SO4	Flu	oride	Cart	oonate	Su	lfide	Sill	cate	Sil	icate	Sil	icate PTB
Temp (°F)	PSI	Hemil CaSO4	hydrate 4~0.5H2 O PTB	Ca SI	SO4 PTB	Flu SI	oride PTB	Cart	oonate PTB	Su SI	lfide PTB	Sil	cate PTB	Si	PTB	Sil Sl	PTB
Temp (°F) 70	PSI 14	Hemil CaSO4 SI 0.00	hydrate 4~0.5H2 O PTB	SI 0.00	PTB 0.00	SI 0.00	oride PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	Sil 0.00	PTB 0.00
Temp (°F) 70 95	PSI 14 346	Hemil CaSO4 SI 0.00 0.00	hydrate 4~0.5H2 O PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	oride PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	Sil 0.00 0.00	PTB 0.00 0.00 0.00
Temp (°F) 70 95 121	PSI 14 346 678	Hemil CaSO4 SI 0.00 0.00 0.00	hydrate 4~0.5H2 O PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00
Temp (°F) 70 95 121 146	PSI 14 346 678 1009	Hemili CaSO 4 SI 0.00 0.00 0.00 0.00	hydrate 4~0.5H2 O PTB 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00
Temp (°F) 70 95 121 146 172	PSI 14 346 678 1009 1341	Hemil CaSO 4 SI 0.00 0.00 0.00 0.00 0.00 0.00	hydrate 4~0.5H2 O PTB 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	Sil 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	Sil 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Temp (°F) 70 95 121 146 172 197	PSI 14 346 678 1009 1341 1673	Hemil CaSO 4 SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Sil 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Temp (°F) 70 95 121 146 172 197 223	PSI 14 346 678 1009 1341 1673 2004	Hemil CaSO	hydrate 4~0.5H2 O PTB 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Su	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Sil 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Sil 0.00 0.00 0.00 0.00 0.00 0.00 0.00	icate

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate

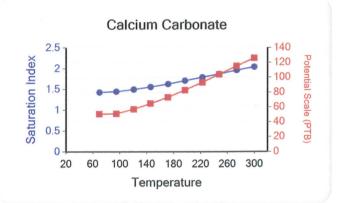
Page 1 of 2

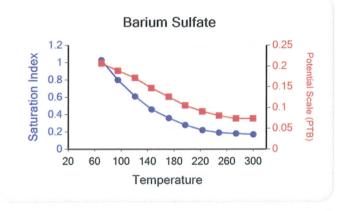
Multi-Chem Analytical Laboratory

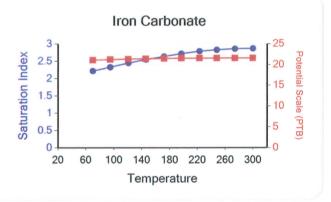
1553 East Highway 40 Vernal, UT 84078 ATTACHMENT F

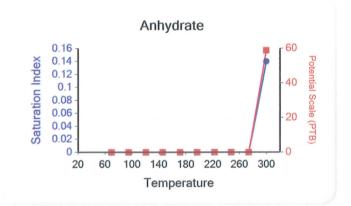


These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Anhydrate









Ethics

Attachment "G"

Federal #9-24-9-16 Proposed Maximum Injection Pressure

	nterval eet)	Avg. Depth	ISIP	Calculated Frac Gradient	,
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
5291	5298	5295	1876	0.79	1842
4826	4834	4830	2180	0.88	2149
4625	4632	4629	1850	0.83	1820 ←
				Minimum	1820

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



NPC Supervision

DAILY COST:

TOTAL WELL COST:

\$300

\$357,565

\$357,565

DAILY COMPLETION REPORT **WELL NAME:** Federal 9-24-9-16 Report Date: 4/5/2008 Day: 1 Operation: Completion Rig: Rigless **WELL STATUS** 5-1/2" Surf Csg: Prod Csg: @ 5556' Csg PBTD: 5546' WL 8-5/8 BP/Sand PBTD: Tba: Size: Grd: Pkr/EOT @: PERFORATION RECORD SPF/#shots Zone Perfs Zone Perfs SPF/#shots 5291-5298' 4/28 CP2 sds CP2 sds 5328-5336' 4/32 CP3 sds 5370-5378' 4/32 CHRONOLOGICAL OPERATIONS 4/4/2008 SITP: SICP: **Date Work Performed:** Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg 8 casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5546' & cement tor. @ 110'. Perforate stage #1, CP2 sds @ 5291-98' & 5328-36' & CP3 sds @ 5370-78' w/ 3-1/8" Slick Guns (19 gram .49"EH. 120) w/ 4 spf for total of 92 shots. 136 BWTR. SWIFN. **FLUID RECOVERY (BBLS)** 136 Starting fluid load to be recovered: Starting oil rec to date: Oil lost/recovered today: Fluid lost/recovered today: Ending fluid to be recovered: 136 Cum oil recovered: FTP: IFL: FFL: Choke: Final Fluid Rate: Final oil cut: STIMULATION DETAIL COSTS Base Fluid used: Job Type: Weatherford BOP \$540 Company: NPC NU crew \$300 Procedure or Equipment detail: NDSI trucking \$800 Perforators LLC \$7,587 **Drilling** cost \$340,565 Zubiate Hot Oil \$473 Location preparation \$300 NPC wellhead \$1,500 Benco - anchors \$1,200 Admin. Overhead \$4,000

Max Rate: _____ Total fluid pmpd: _

Total Prop pmpd: 10 min:

FG:

Max TP:

Avg TP: Avg Rate:

5 min:

Completion Supervisor: Don Dulen



DAILY COMPLETION REPORT

Federal 9-24-9-16 Day: 2a **WELL NAME:** Report Date: 4/12/2008 Completion Rig: Operation:

WELL STATUS Prod Csg: 5-1/2" 5556 Csg PBTD: 5546' WL Surf Csg: 8-5/8 BP/Sand PBTD: Pkr/EOT @: Tba: PERFORATION RECORD Perfs SPF/#shots SPF/#shots Perfs Zone 4/28 5291-5298' CP2 sds 5328-5336 4/32 CP2 sds 5370-5378' 4/32 CP3 sds **CHRONOLOGICAL OPERATIONS** 4/11/2008 SITP: SICP: **Date Work Performed:**

Day2a.
RU BJ Services "Ram Head" frac flange. RU BJ & frac CP sds, stage #1 down casing w/ 30,370#'s of 20/40 sand ir 399 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2890 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP ws 1876. 535 bbls EWTR. Leave pressure on well. See day2b.

FLUID RECOVERY (BBLS) 136 Starting oil rec to date: Starting fluid load to be recovered: 399 Fluid lost/recovered today: Oil lost/recovered today: 535 Cum oil recovered: Ending fluid to be recovered: IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut: STIMULATION DETAIL COSTS Base Fluid used: Lightning 17 Job Type: Sand frac Weatherford Services \$1,000 Company: **BJ Services** \$800 Procedure or Equipment detail: CP2 & CP3 sds down casing C-D trkg frac water 1638 gals w/ Techna Hib & to cross link NPC fuel gas \$175 2982 gals of pad BJ Services CP sds \$21,372 2319 gals w/ 1-4 ppg of 20/40 sand **NPC Supervisor** \$300 4527 gals w/ 4-6.5 ppg of 20/40 sand 504 gals of 15% HCL aid Flush w/ 4788 gals of slick water **Flush called @ blender to include 2 bbls for pump/line volume** Max TP: 2080 Max Rate: 23.3 Total fluid pmpd: 399 bbl Avg TP: 1818 Avg Rate: 23.3 bpm Total Prop pmpd: 30,370#'s \$23,647 10 min: DAILY COST: 5 min: Completion Supervisor: Ron Shuck TOTAL WELL COST: \$381,212



ATTACHMENT

DAILY COMPLETION REPORT Day: 2b **WELL NAME:** Federal 9-24-9-16 Report Date: 4/12/2008 Rig: Rialess Operation: Completion **WELL STATUS** Prod Csg: 5-1/2" 5556' Csg PBTD: 5546' WL Surf Csg: 8-5/8 BP/Sand PBTD: 4930' Pkr/EOT @: Tbg: Size: PERFORATION RECORD SPF/#shots Zone Perfs SPF/#shots **Zone Perfs** 4/32 A3 sds 4826-4834' 4/28 CP2 sds 5291-5298' CP2 sds 5328-5336' 4/32 4/32 CP3 sds 5370-5378' CHRONOLOGICAL OPERATIONS SITP: SICP: **Date Work Performed:** 4/11/2008 1630

Dav2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford (6K) 5-1/2" composite flow through frac plug & 8' per gun. Set plug @ 4930'. Perforate A3 sds @ 4826-34' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 spf for total o 32 shos. RU BJ & frac stage #2 w/ 15,115#'s of 20/40 sand in 273 bbls of Lightning 17 frac fluid. Open well w/ 1630 psi on casing. Perfs broke down @ 2435 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2593 @ ave rate of 23.2 ppm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP ws 2180. 808 bbls EWTR. Leave pressure on well. See day2c.

	EL LUD BECC	VEDV (DDI e)		
Starting fluid load to be recovered: Fluid lost/recovered today: Ending fluid to be recovered:	535 Starti 273 Oil lo	overy (BBLS) ng oil rec to date: st/recovered today: oil recovered:		
IFL: FFL:	FTP: Choke:	Final	Fluid Rate:	Final oil cut:
STIMULA	TION DETAIL		COST	<u>s</u>
Base Fluid used: Lightning 17	Job Type: San	d frac		
Company: BJ Services	_	,	Weatherford Services	\$2,400
Procedure or Equipment detail:	A3 sds down casing		C-D trkg frac water	\$800
1638 gals w/ Techna Hib & t	o cross link		NPC fuel gas	\$175
1470 gals of pad			BJ Services A3 sds	\$4,951
1149 gals w/ 1-4 ppg of 20/4	0 sand		Lone Wolf A3 sds	\$4,034
2379 gals w/ 4-6.5 ppg of 20	/40 sand			
504 gals of 15% HCL aid				
Flush w/ 4326 gals of slick w	vater			
Flush called @ blender to in	nclude 2 bbls for pump/lir	e volume		
Max TP: 2690 Max Rate: 2	3.3 Total fluid pmpd:	273 bbl		
Avg TP: 2593 Avg Rate: 23.2	bpm Total Prop pmpd:	15,115#'s		
ISIP: <u>2180</u> 5 min:	10 min:	FG: <u>.89</u>	DAILY COST:	\$12,360
Completion Supervisor:	Ron Shuck		TOTAL WELL COST:	\$393,572



40F8

DAILY COMPLETION REPORT

Once	<u>AME:</u> Federal 9	-24-9-16	Report Date:	4/12	/2008			Day:	2c
Oper	ation: Completion				Rig:	Riç	gless		
		WELL	STATUS						
Surf Csg:	8-5/8' @337'	Prod Csg	j: 5-1/2''	@	5556'	Csg	PBTD:		
Tbg:	Size: Wt:	Grd:	Pkr/E	от @:		BP/Sand		473	30'
		DEDEODA:	TION DECOR	<u> </u>		plug	4930		
7000	Perfs_	SPF/#shots	TION RECOR	ne D		<u>Perfs</u>		SPF/#	shots
Zone B1 sds	4625-4632'	4/28	<u>20</u>	110		1 0113		01 1777	<u> </u>
A3 sds	4826-4834'	4/32	**************************************		***************************************		-	·····	
CP2 sds	5291-5298'	4/28		•					···
CP2 sds	5328-5336'	4/32					_		
CP3 sds	5370-5378'	4/32					_		
					***************************************		y		
		CHRONOLOGI	CAL OPERAT	<u>IONS</u>					
Date Work	Performed: 4/1	1/2008			SITP:		SICP:	157	70
Day2c.									
	RIH w/ frac plug & 7' p								
	BJ & perfs won't break o								
	of 20/40 sand in 297 bbls Pump 30 gals of Techna								
	Pump 30 gais of rechna IP ws 1850. 1105 bbls E								
rec'd. SIFN		LVVIII. IND DO & VVE	r. riow wen b	ack. VVC	ii iiowea	or 4 nours	a aica	W/ 20	O DDI
reed. On the	•								
···			OVERY (BBL						
_	d load to be recovered:		ting oil rec to d	ate:					

IFL:	i to de recovereu.		ost/recovered t	oday:			····		
		825 Cum	oil recovered:	oday:				oil cut:	
	FFL:	825 Cum FTP: Choke		oday:			- Final o	oil cut:	
	FFL: STIMULATION	825 Cum FTP: Choke ON DETAIL	oil recovered:	oday:			- Final o	oil cut:	
Base Fluid (FFL: <u>STIMULATI</u> used: <u>Lightning 17</u>	825 Cum FTP: Choke ON DETAIL	oil recovered:	Final Fl	uid Rate:	COST	Final (2 400
Base Fluid (FFL: <u>STIMULATIO</u> used: <u>Lightning 17</u> BJ Services	825 Cum FTP: Choke ON DETAIL Job Type: Sar	oil recovered:	Final Fl	uid Rate: Veatherfo	COST	Final o	\$2	2,400
Base Fluid (Company: Procedure c	FFL: STIMULATION USED: Lightning 17 BJ Services or Equipment detail:	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing	oil recovered:	Final Fl	uid Rate: Veatherfo C-D trkç	COST rd Services g frac water	Final o	\$2	\$800
Base Fluid (Company: Procedure C	FFL: STIMULATION Used: Lightning 17 BJ Services or Equipment detail: E gals w/ Techna Hib & to	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing	oil recovered:	Final Fl	uid Rate: Veatherfo C-D trkç	COST rd Services g frac water PC fuel gas	Final of	\$2	\$800 \$175
Base Fluid of Company: Procedure of 1554	FFL: STIMULATION Used: Lightning 17 BJ Services or Equipment detail: E gals w/ Techna Hib & to gals of pad	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link	oil recovered:	Final Fl	uid Rate: Veatherfo C-D trko NF BJ Servi	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14	\$800 \$175 1,140
Base Fluid (Company: Procedure Company 1554 1974 1511	FFL: STIMULATION Used: Lightning 17 BJ Services or Equipment detail: gals w/ Techna Hib & too gals of pad gals w/ 1-4 ppg of 20/40	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand	oil recovered:	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 ,140 5,000
Base Fluid (Company: Procedure Company 1554 1974 1511 2899	STIMULATION STIMU	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand	oil recovered:	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 1,140
Base Fluid (Company: Procedure Company 1554 1974 1511 2899	FFL: STIMULATION Used: Lightning 17 BJ Services or Equipment detail: gals w/ Techna Hib & too gals of pad gals w/ 1-4 ppg of 20/40	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand	oil recovered:	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 ,140 5,000
Base Fluid (Company: Procedure Company 1554 1974 1511 2899	STIMULATION STIMU	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand	oil recovered:	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 ,140 5,000
Base Fluid (Company: Procedure Company 1554 1974 1511 2899	STIMULATION STIMU	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand	oil recovered:	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 ,140 5,000
Base Fluid (Company: Procedure Company 1554 1974 1511 2899 Flush	STIMULATION STIMULATION Used: Lightning 17 BJ Services Or Equipment detail: English w/ Techna Hib & toon gals of pad gals w/ 1-4 ppg of 20/40 gals w/ 4-6.5 ppg of 20/4 w/ 4536 gals of slick wat	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand er	oil recovered:	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 ,140 5,000
Base Fluid (Company: Procedure Company 1554 1974 1511 2899 Flush Max TP:	STIMULATION STIMULATION Used: Lightning 17 BJ Services Or Equipment detail: English with Techna Hib & too gals of pad gals with 1-4 ppg of 20/40 gals with 4-6.5 ppg of 20/4 with 4536 gals of slick wath 2080 Max Rate: 23.	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand er Total fluid pmpd:	oil recovered: : and frac : 297 bbl	Final FI	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds		\$2 \$14 \$5	\$800 \$175 ,140 5,000
Base Fluid of Company: Procedure of 1554 1974 1511 2899 Flush Max TP: Avg TP:	STIMULATION STIMULATION Used: Lightning 17 BJ Services Or Equipment detail: English w/ Techna Hib & toon gals of pad gals w/ 1-4 ppg of 20/40 gals w/ 4-6.5 ppg of 20/4 w/ 4536 gals of slick wat	825 Cum FTP: Choke ON DETAIL Job Type: Sar 31 sds down casing cross link sand 0 sand er Total fluid pmpd:	oil recovered: : and frac : 297 bbl	Final FI V C-	vid Rate: Veatherfo C-D trkg NF BJ Servi Lone V	COST rd Services g frac water PC fuel gas ces B1 sds Volf B1 sds ter transfer		\$2 \$14 \$5	\$800 \$175 ,140 5,000



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DAILY COMPLETION REPORT

<u>vv</u>	CLL N	IAIVIE:	redera	11 9-24-8	7-10		Repor	t Date:	4/	15/2006	-		Day:3
	Ope	ration	Complet	ion		····				Rig:	LEE	D 712	
						WE	LL STAT	US					
Surf	Csg:	8-5/8	' @ 307 '			Prod C		1/2"	@	5662'	Csg	PBTD:	5546' WL
Tbg:	_	Size:	2-7/8" W	/t: 6.	.5#	Grd:	J-55	Pkr/E	OT @:	1210'	BP/Sand	PBTD:	4730'
					_		DATION E	NECODI			plug	4930'	•
7	one		<u>Perfs</u>		SPF/#s		RATION R	Zoi	_		<u>Perfs</u>		SPF/#shots
B1 s			4625-4632'		4/28	311013		201	110		<u>r en s</u>		<u> or i i#silots</u>
A3 s		•	4826-4834'		4/32				····				
CP2		-	5291-5298'		4/28								
CP2		_	5328-5336'		4/32					······		_ ,	
CP3	sds	-	5370-5378'		4/32							**	
		-			CHRC	NOI O	GICAL O	PERAT	IONS				
Date	Work	Perfo	rmed:	4/14/20		MOLO	GIOAL O	LEIVALI	0110	SITP:		SICP:	0
N ALITS I	1011	DD 0	ameron BOP's 8								·············		***************************************
					FI	UID RE	COVERY	(BBI S	<u>;)</u>				
Starti	ina flui	d load	to be recovered	: 82	25		tarting oil						
	-		ed today:	0			il lost/reco					•	
	_	to be	recovered:	825			um oil rec	overed:				-	
IFL:		·	FFL:	FTP:		Cho	oke:		Final	Fluid Rate:		Final o	oil cut:
		TUBII	NG DETAIL			ROD	DETAIL				COST		
KΒ	40.00				4.4(0)					384 (1	LEED rig		\$2,288
	12.00						olished ro	<u>a</u>	***	···	ford BOP's		\$300
40			og (1210')			' ponies			×		("A" grade)		\$26,032
	TA (2	· · · · · · · · · · · · · · · · · · ·			·····	rapere		**************************************		····	IDSI wtr trk		\$600
	·	J-55 tl	og (')			ain rods		***************************************			n Chemical	- "	\$400
	SN (1		<i>(</i>)				ered rods				DSI Hot Oil	-	\$550
		J-55 tl	<u> </u>		···············	e" weigh					pit reclaim		\$5,000
	A		ed collar (.45)				1/2" X '				equipment		\$150,000
EOT	_w/ 12	KR.			RHAC	pump \	W/ SM plu	ınger			oor/welding	• -	\$19,500
						<u></u>					vtr disposal	-	\$8,500
	4					×			1004	Lidell tri	kg rig equip		\$1,500
									•		NPC trkg		\$1,500
•									70 -		Supervisor	-	\$300
C.	nmale	tion C	unarvisor:	Ron S	Shuale					DAILY C			\$216,470
				T () ()									*M 4 4 (IM /



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		_			ILY CO		ION RE					- 1
	L NAME:	<u> </u>	deral 9-2	4-9-16		Rep	ort Date	:4/	16/2008	~		Day:4_
. 0	peration	Com	pletion						Rig:	LEE	D 712	<u> </u>
					W	ELL ST	ATUS_					
Surf Cs	g: <u>8-5/8</u>		07'		Prod		5-1/2"	_ @	5662'	. –	PBTD:	5570'
Tbg:	Size:	2-7/8"	Wt:	6.5#	Grd: _	J-55	Pkr/E	ЮТ @:	5508'	BP/Sand	PBTD:	5570'
					PERFO	RATION	RECOR	RD				
Zone	<u>2</u>	<u>Perfs</u>	<u> </u>	SPF	/#shots			one		<u>Perfs</u>		SPF/#shots
B1 sds		4625-4632		4/28					***************************************			
A3 sds CP2 sd		4826-4834 5291-5298		4/32 4/28			******************************					<u></u>
CP2 su		5328-5336		4/32					***************************************		***	,
CP3 sd		5370-5378		4/32						***************************************		
		·		CHF	RONOLO	OGICAL	OPERA	TIONS	-	• • • • • • • • • • • • • • • • • • • •		
Date W	ork Perfo	rmed:	4/15/	2008					SITP:		SICP:	0
Starting		to be recoved today:		825	FLUID R	RECOVE Starting (RY (BBL	<u>.S)</u> date:				
		recovered:		·			ecovered ecovered	•				
IFL:		FFL:		'P:		oke:			Fluid Rate:		_ Final c	oil cut:
	TUBII	NG DETAIL			ROE	DETAI	L.			COST	S	
										LEED rig		\$4,506
KB 12	2.00'			1 1/2	2" X 26' _I	polished	rod		Weathe	rford BOP's	-	\$300
178 2	7/8 J -55 t	og (5570')		X 3/	/4" ponie	es			NPC locati	on clean up	- 1	\$400
T	A (2.75')			3/4"	scraper	ed rods			MTN Wes	t Sanitation		\$300
2	7/8 J-55 tl	og (')		3/4"	plain roo	ds			Na	bors swivel	·	\$750
***************************************	V (1.10')		***************************************	20-3	/4" scra	pered ro	ds		NPC	Supervisor	•	\$300
2	7/8 J-55 tl	og (')		***************************************	1/2" weig				······································		- ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		ed collar (.4	15)			1 1/2" X	1				- '	.10
	/ 12' KB						plunger	•			-	
							······································				··· /	
											<u>.</u> .	
								-			- ,	
								•			-	
								•	DAILY C	OST:		\$6,556
Com	pletion S	upervisor:	Ro	n Shuc	<u>k</u>				TOTAL WI	ELL COST:		\$639,613



NEWFIELD ATTACHMENT G-1

76F8

DAILY COMPLETION REPORT

<u>WELL</u>	NAME:	Federal 9	-24-9-16	R	eport Date:	4/	17/2008			Day:5_
Operation:		Completion					Rig:	LEE	D 712	
				WELL S	TATUS			· ·		•
Surf Csg:		307'		Prod Csg: _	5-1/2"	. @ ,	5662'	Csg	PBTD:	5619'
Tbg:	Size: 2-7	<mark>/8" Wt</mark> :	6.5#	_Grd:J-5	55 Pkr/E0	ОТ @:	2000'	BP/Sand	PBTD:	5619'
				PERFORATION	ON RECORI	D				
<u>Zone</u>		Perfs		#shots	Zo	_		<u>Perfs</u>		SPF/#shots
B1 sds	4625-		4/28		***************************************		Q		_	,
A3 sds	4826 5291-		4/32 4/28		control to the state of the sta				-	<u></u>
CP2 sds			4/32		***************************************	***************************************		**************************************	~	
CP3 sds			4/32						- -	
							***************************************		-	
				RONOLOGICA	L OPERAT	<u>IONS</u>				
Date Wo	rk Performed:	4/1	6/2008				SITP:	·	SICP:	0
_	luid load to be r		825 0	****	/ERY (BBLS g oil rec to da /recovered to	_ ate: ຼ				
Ending flu	uid to be recove	red:	825	Cum oi	I recovered:	-				
IFL:	FFL:		FTP:	Choke: _		Final	Fluid Rate:		Final	oil cut:
***************************************	TUBING DE	TAIL	***************************************	ROD DET	<u>AIL</u>			COST	<u>s</u>	
KB 12.	יחחי		1 1/2	" V 26' poliche	nd rod	-	\\/aathar	LEED rig	. ,	\$4,872
	/8 J-55 tbg (200)O'\	***************************************	." X 26' polishe 4" ponies	30 100	***				\$300 \$750
	(2.75'))O)	4	scrapered rod	e	-		bors swivel Supervisor		\$750 \$300
·	/8 J-55 tbg (')			plain rods			141 0	<u>Oupervisor</u>		ΨΟΟΟ
V	(1.10')	**************************************	·	/4" scrapered	rods	-		***************************************		
***************************************	/8 J-55 tbg (')		**********	/2" weight rod					•	
***************************************	/8 Notched coll	ar (.45)	***************************************	2 1/2' X 1 1/2"	······································			· · · · · · · · · · · · · · · · · · ·	•	······································
EOT w/			<i>p</i> a	C pump W/ SI						
			***************************************	1		-				
							DAILY C	OST:		\$6,222
Comp	letion Supervi	sor: F	Ron Shucl	k			TOTAL WE	LL COST:		\$645,835



DAILY COMPLETION REPORT

<u>w</u>	<u>ELL NA</u>	<u>≀ME:</u> Ĩ	rederai	3-24-3	7-10		ort Date:		18/2008			Day
	Opera	ation:	Completion	n					Rig:	LEE	D 712	
					•	WELL STA	TUS	.,				
Surf	Csg:	8-5/8	@ 307'	_	P		5-1/2"	. @ _	5662'	Csg	PBTD:	5619'
Tbg:	_	Size:	2-7/8" Wt	6.	<u>5#</u> Gr	d: J-55	Pkr/E	OT @:]	5450'	BP/Sand	PBTD:	5619'
					PF	RFORATION	RECOR	n				
Z	one		<u>Perfs</u>		SPF/#sh		Zo			Perfs_		SPF/#shots
<u>=</u> B1 s		<u>.</u>	4625-4632'	-	4/28							
A3 s			4826-4834'		4/32							<u></u>
CP2			5291-5298' 5328-5336'	•••	4/28 4/32							
CP2 CP3		-	5370-5378'	-	4/32	- 	A		,			
		_		-		**********	***************************************		***************************************		_	
				-	CHRON	OLOGICAL	OPERAT	IONS				
Date	Work l	Perfo	rmed: <u>4</u>	/17/20	08				SITP:		SICP:	0
Oper	n well w	// 0 ps	i on casing. Co	ntinue	TOOH w	// tbg. LD bi	t & bit su	b. TIH	l w/ NC, 2	its tbg, SN	, 1 jt, 7	A (new CD
15,00	00# she	ear) 17	ii on casing. Co 0 jts tbg. RD B0 Pick up & prime 8/4" guided rods o 800 psi. POP	DP's. {	Set TA @) 5354' w/ 14 2-1/2" × 1-1/	,000# ten	sion w	/ SN @ 538	6' & EOT (@ 545(// 153"!)'. Flush tbe
w ou weial	ht rods.	7ater. 20-3	3/4" auided rods	. 94- 3	8/4" plain	rods, 95- 3/4	4" auided	rods.	1-1/2" x 26	' polished	rod. S	pace pump
Fluid Endir	lost/ <u>red</u> ng fluid	covere to be	to be recovered: d today: recovered:	0 825	25	Cum oil re	covered t	oday: ¯ _				
IFL:			FFL:	FTP:		Choke:		Final	Fluid Rate:		_Final c	oil cut:
		TUBIN	IG DETAIL	_		ROD DETAIL	=			COST		
				_								
	12.00'							<u> </u>		LEED rig	<u> </u>	\$5,332
170	2 7/8 J		og 5339.57'							LEED rig	<u> </u>	\$5,332 \$300
	TA (2.	75')		_		26' polished			CI	LEED rig ford BOP's DI SN & TA		\$5,332 \$300 \$625
1	2 7/8 J	·····	5354.07'		95- 3/4"	scrapered ro			CI CD	LEED rig ford BOP's DI SN & TA Il rod pump	<u></u>	\$5,332 \$300 \$625 \$1,450
		J-55 tk	5354.07' og (31.40')		95- 3/4" 94- 3/4"	scrapered ro plain rods	ds		CI CD rds	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade)		\$5,332 \$300 \$625 \$1,450 \$13,730
	SN (1.	J-55 tb 10')	5354.07' og (31.40') 5386.57'		95- 3/4" 94- 3/4" 20-3/4" s	scrapered ro plain rods scrapered roc	ds	-	CI CD rds NPC swa	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160
2		J-55 tb 10')	5354.07' og (31.40')	- ·	95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2"	scrapered ro plain rods scrapered roo weight rods	ds ds	-	CI CD rds NPC swa	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys nks 3x8dys		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160 \$960
2	2 7/8 J	J-55 tb 10') J-55 tb	5354.07' og (31.40') 5386.57'	-	95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2"	scrapered ro plain rods scrapered roc	ds ds	- - - - -	CI CD rds NPC swa	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160 \$960
	2 7/8 J	J-55 tb 10') J-55 tb Notche	5354.07' og (31.40') 5386.57' og (62.82')	-	95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2" CDI 2 1/2	scrapered ro plain rods scrapered roo weight rods	ds ds 16' X 18'	- - - - -	CI CD rds NPC swa NPC frac t	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys nks 3x8dys		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160 \$960 \$500
	2 7/8 J 2 7/8 N	J-55 tb 10') J-55 tb Notche	5354.07' og (31.40') 5386.57' og (62.82') ed collar (.45)	-	95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2" CDI 2 1/2	scrapered ro plain rods scrapered rod weight rods 2' X 1 1/2" X	ds ds 16' X 18'	-	CI CD rds NPC swa NPC frac t NPC	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys nks 3x8dys C frac head		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160 \$960 \$500
	2 7/8 J 2 7/8 N	J-55 tb 10') J-55 tb Notche	5354.07' og (31.40') 5386.57' og (62.82') ed collar (.45)		95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2" CDI 2 1/2 RHAC p	scrapered ro plain rods scrapered rod weight rods 2' X 1 1/2" X	ds ds 16' X 18'		CI CD rds NPC swa NPC frac t NPC	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys nks 3x8dys C frac head iate Hot Oil		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160 \$960 \$500
	2 7/8 J 2 7/8 N	J-55 tb 10') J-55 tb Notche	5354.07' og (31.40') 5386.57' og (62.82') ed collar (.45)		95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2" CDI 2 1/2 RHAC p	scrapered ro plain rods scrapered rod weight rods 2' X 1 1/2" X	ds ds 16' X 18'	-	CI CD rds NPC swa NPC frac t NPC	LEED rig ford BOP's DI SN & TA Il rod pump ("A" grade) ab tnk 4dys nks 3x8dys C frac head iate Hot Oil		\$5,332 \$300
	2 7/8 J 2 7/8 N	J-55 tb 10') J-55 tb Notche	5354.07' og (31.40') 5386.57' og (62.82') ed collar (.45)	-	95- 3/4" 94- 3/4" 20-3/4" s 6-1 1/2" CDI 2 1/2 RHAC p	scrapered ro plain rods scrapered rod weight rods 2' X 1 1/2" X	ds ds 16' X 18'	-	CI CD rds NPC swa NPC frac t NPC	LEED rig ford BOP's OI SN & TA I rod pump ("A" grade) ab tnk 4dys nks 3x8dys C frac head iate Hot Oil Supervisor		\$5,332 \$300 \$625 \$1,450 \$13,730 \$160 \$960 \$500

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4575'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	173' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 105 sx Class "G" cement down 5 1/2" casing to 357'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 9-24-9-16

Spud Date: 2/27/08

Put on Production: 4/22/08

GL: 5566' KB: 5578'

Proposed P&A Wellbore Diagram

Cement Top @ 110'

Initial Production: BOPD,

MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH: 7 jts DEPTH LANDED: 307.29'

HOLE SIZE:12-1/4"

Casing Shoe @ 307'

CEMENT DATA: To surface with 160 sx Class "G" cmt 2 bbls returned.

Pump 41 sx Class "G" Cement down 5-1/2" casing to 357'

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 131 jts (5735.06) DEPTH LANDED: 5663' HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP @ 110'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1196'-1316')

173' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2535'-2708')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4575' 4625-4632'

4826-4834'

5291-5298 5328-5336'

5370-5378'

PBTD @ 5619'

TD @ 5700'

NEWFIELD

FEDERAL 9-24-9-16

2024'FSL & 569' FEL

NE/SE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33338; Lease # UTU-15855

FORM 3160-5 (August 2007)

Notice of Intent

Subsequent Report

Final Abandonment

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

■ Well Integrity

Other

SUNDRY NOTICES AND REPORTS ON WELLS

Alter Casing

Casing Repair

Change Plans

Convert to Injector

5. Lease Serial No. HTH-15855

Reclamation

Recomplete

Water Disposal

Temporarily Abandon

Do not use this form for p abandoned well. Use Form	6. If Indian, Allottee or Tribe Name.			
SUBMIT IN TRIPLICAT	7. If Unit or CA/Agreement, Name and/or GMBU			
1. Type of Well ☑ Oil Well ☐ Gas Well ☐ Other 2. Name of Operator	8. Well Name and No. FEDERAL 9-24-9-16			
3a. Address Route 3 Box 3630 Myton, UT 84052	9. API Well No. 4301333338 10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., R., M., or 2024 FSL 569 FEL	GREATER MB UNIT 11. County or Parish, State			
NESE Section 24 T9S R16E		DUCHESNE, UT		
12. CHECK APPROPRIA	TE BOX(ES) TO INIDICATE NATURE OF	F NOTICE, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTI	ON		
Acidize	uction (Start/Resume)			

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Plug Back

Fracture Treat

New Construction

Plug & Abandon

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title				
Jill Loyle	Regulatory Technician				
Signature	Date 02/09/2012				
This space for fe	DERAL OR STATE OFFIC	CE USE			
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	Office			

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction



PROOF OF PUBLICATION 2012

CUSTOMER NAME AND ADDRESS GAS & MININ

DIV OF OIL-GAS & MINING.

1.504.13/.NOP.TH. TELLAR //1010

CUSTOMER'S COPY

DATE

2/28/2012

ACCOUNT NUMBER

9001402352

1594 W NORTH TEMP #1210			
P.O. BOX 145801 SALT LAKE CITY, UT 84	1114		PUBLIC NOTICE
		J	BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES
A	STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387		
DIV OF	IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTA WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 2 TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY		
TELEPHONE	ADORDER	/ INVOICE NUM	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE
8015385340	0000770992	1	DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC. 387 IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATURE APPROVAL OF CERTAIN WELLS IOCATED IN SECTIONS 16, 18, 20, 22, AND 24 TOWNSHIP 9 SOUTH, ENNGE 16 EAST, DUCHESNE COUNTY UTAH, AS CLASS II INFECTION WELLS. INE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informat adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II Injection wells: Greater Monument Butte Unit: Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-33054 West Point Federal 4A-18-9-16 well located in NW/- NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33999 Federal 7-20-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East API 43-013-33106 Federal 11-20-9-16 well located in NE/4 SW/4, Section 20 Township 9 South, Range 16 East API 43-013-332598 Federal 11-20-9-16 well located in NE/4 SW/4, Section 20 Township 9 South, Range 16 East API 43-013-332598 Federal 15-20-9-16 well located in SW/4 SE/4, Section 20 Township 9 South, Range 16 East API 43-013-32598 Federal 15-20-9-16 well located in SW/4 SE/4, Section 20 Township 9 South, Range 16 East API 43-019-32598 Federal 15-20-9-16 well located in SW/4 SE/4, Section 20 Township 9 South, Range 16 East
	SCHEDULE		Greater Monument Butte Unit: Castle Peak State 43-16 well located in NE/4 SE/4, Section 16 Township 9 South, Range 16 East
Start 02/27/2012	End 02/27/2	2012	API 43-013-30594 West Point Federal 4A-18-9-16 well located in NW/4 NW/4 Section 18, Township 9 South, Range 16 East API 43-013-33463
	CUST, REF. NO.		18, Township 9 South, Range 16 East API 43-013-32999
			Federal 7-20-9-16 well located in SW/4 NE/4, Section 20 Township 9 South, Range 16 East API 43-013-33106
UIC 387			Federal 11-20-9-16 well located in NE/4 SW/4, Section 20 Township 9 South, Range 16 East API 42-013-32598
	CAPTION		Federal 15-20-9-16 well located in SW/4 SE/4, Section 20 Township 9 South, Range 16 East Apt 43-013-33105
PUBLIC NOTICE BEFORE THE DIVISION	ON OF OIL, GAS AND MI	NING DEPARTME	API 43-013-33/98 Federal 15-20-9-16 well located in SW/4 SE/4, Section 20 Township 9 South, Range 16 East API 43-013-33/105 Federal 15-22-9-16 well located in SW/4 SE/4, Section 22 Township 9 South, Range 16 East API 43-013-33/105 Federal 9-24-9-16 well located in NE/4 SE/4, Section 24 Township 9 South, Range 16 East API 43-013-33/38 Federal 13-24-9-16 well located in SW/4 SW/4, Section 24 Township 9 South, Range 16 East
	SIZE		Township 9 South, Range 16 East API 43-013-33338 Federal 13-24-9-16 well located in SW/4 SW/4, Section
73 Lin	es 2.00	COLUMN	Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33342 The proceeding will be conducted in accordance with Uta Admin. R649-10, Administrative Procedures.
TIMES		RATE	water Injection. The maximum requested injection pressure and rates will be determined based on fracture gradient in formation submitted by Newflaid Profustion Company.
4			API 43-013/334-2. The proceeding will be conducted in accordance with Uta Admin. 86-49-10, Administrative Procedures. Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient in formation submitted by NewHeld Production Company. Any person destring to object to the application or otherwish intervene in the proceeding, must file a written protest or no lice of intervention with the Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, of P.O. Box 145801, Soil Lake City, UT 84114-5801, phon number (801) 538-53-40. If such a protest or notice of intervention is received, or haaring will be scheduled in accordance with the aforementioned administrative procedure roles. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.
MISC. CHARGES		AD CHARGES	cer for the proceeding is Brad Hill, Permitting Manager, C P.O. Box 145801, Salt Lake City, UT 84114-5801, photo number (801) 538-5340. If such a protest or notice of inter-
			once with the aforementioned administrative procedure rules. Protestants and/or Interveners should be prepared t demonstrate at the hearing how this matter affects their in
		TOTAL COST	STATE OF LITAH
			DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager
		250.28	Permitting Manager 770992 UPAXLP
	AFFIDAVIT OF PUBLICAT		770992 UPAX

PUBLISHED ON

SIGNATURE

2/28/2012

Start

02/27/2012

UTAHLEGALS.COM INDEFINATELY.

End 02/27/2012

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581459

Commission # 581459 My Commission Expires

January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387 IN THE MATTER FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY. LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON

AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

Publisher

Subscribed and sworn to before me this

Borne Parresh

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

BEFORE THE DIVI-Permitting Manager SIONOFOIL, GAS AND published property of the Country of Published in the Uintah IN THE M/ Heat 1000 South, Ballard, DITADA MI Ballard City offices, 2381 GTaldMaN LION COWL of the first of the MONE ALIEN STATE OF THE MEAN LIE ADMINISTR query March 2102 de Clor de Control de Contro Maillion. The hearing will 40 TWAOMA PROVAL OF HAM BUILDED OUT WOIJING WELLS LO STISTICADOR SUPPLIES OF STREET OF CCOM I liw substrikerini viiliu THEST, agemen yewhen his gui WELLS. TO ALL I pool silevisite flood. I suised basins, waterways, and LEREST bas several sev BONE doles with catch and each drainage problems will aal. IV Notice unois sadosoudde vew that the | SALIP pur sdure Suisson cossino ramne and quive. (the season vily cutp.) Entirely and A bus season costunction. ("noisive construction.) street with approximately inpeacoul applicati othio actional siles Producti -tuoo e sapujati paologi tor con, bus naintened to solve and Ballard City on the outschill East, It also serves as a outschill businesses from Roos- cvelt City on the West 1 anna well le pue spropisar savies laous roadway in Ballard City unos and Unitah County This onose street serves resident minimy impact Board for J funding the Union Sureet V Impact Board of the Union Sureet V Impact House, N in Board of the 400 North in Rooss, N ui or Duchestne and Unitath N of Duchestne and Unitath N of Duchestne and Unitath N or Duchestness of the N or Duchestness of th to the Permanent Com-munity Impact Board for J SM nonsoliding an application MS a public hearing to discuss its Motice is hereby given that Ballard City will hold and

HEVEING 101 NOLICE OF 102

Rolean Rowley, Mayor Published in the Unitable Basin Standard February 5

Treasury, (Circular 570, latest edition), Date: February 16,

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-30594

West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East API 43-013-32999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33106

Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33342

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

Newfield Production Company

CASTLE PEAK STATE 43-16, WEST POINT FEDERAL 4A-18-9-16, FEDERAL 13-18-9-16, FEDERAL 7-20-9-16, FEDERAL 15-20-9-16, FEDERAL 15-20-9-16, FEDERAL 9-24-9-16, FEDERAL 13-24-9-16

Cause No. UIC-387

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail legals@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

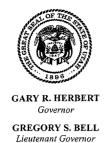
Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

SITLA 675 E 500 S Ste 500 Salt Lake City, UT 84102-2818

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jean Sweet



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



From:

Cindy Kleinfelter <classifieds@ubstandard.com>

To:

<jsweet@utah.gov> 2/23/2012 12:02 PM

Date: Subject:

Legal Notice

It will be published Feb. 28, 2012.

Thank you. Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

February 21, 2012

VIA E-MAIL <u>naclegal@mediaoneutah.com</u>

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: isweet@utah.gov.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Enclosure



From:

"Stowe, Ken" <kstowe@mediaoneutah.com>

To:

<jsweet@utah.gov> 2/23/2012 12:36 PM

Date: Subject:

Proof for Public Notice

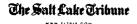
Attachments: OrderConf.pdf

AD# 770992 Run SL Trib & Des News 2/27/12 Cost \$250.28

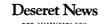
Please advise of any changes or reply with OK to publish

Thank You

Ken







Order Confirmation for Ad #0000770992-01

Client

DIV OF OIL-GAS & MINING

Payor Customer

DIV OF OIL-GAS & MINING

Client Phone

801-538-5340

Payor Phone

801-538-5340

Account#

9001402352

Payor Account

9001402352

Address

1594 W NORTH TEMP #1210,P.O. BOX 145801 Payor Address

1594 W NORTH TEMP #1210, P.O. BOX

SALT LAKE CITY, UT 84114

Fax

801-359-3940

Ordered By

Acct. Exec

EMail

earlenerussell@utah.gov

SALT LAKE CITY, UT 84114 USA

Jean

kstowe

Total Amount

Payment Amt

\$250.28 \$0.00

Tear Sheets

Proofs

Affidavits

Amount Due

\$250.28

0

Payment Method

PO Number

UIC 387

Confirmation Notes:

Text:

Jean

Ad Type

Ad Size

Color

Legal Liner

2.0 X 73 Li

<NONE>

Product

Salt Lake Tribune::

Legal Liner Notice - 0998

Scheduled Date(s):

2/27/2012

Product

Deseret News::

Scheduled Date(s):

Product

sltrib.com::

Scheduled Date(s):

Product

utahlegals.com::

Scheduled Date(s):

Placement

Placement

Legal Liner Notice - 0998

2/27/2012

Placement

Legal Liner Notice - 0998

2/27/2012

Placement

utahlegals.com 2/27/2012

Position

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

Position

utahlegals.com

Ad Content Proof Actual Size

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-387
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN
WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24,
TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESHE COUNTY,
UTAH, AS CLASS II INJECTION WELLS.
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE
ABOVE ENTITLED MATTER.

TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLE MATTER.

Notice is bereby given that the Division of Oil, Gos and Mining (the Division*) is commending on informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells.

Greater Markmert Butte Unit.

Castle Peok State 4.3-16 well located in NE/4 SE/4, Section 1.6, Township 9 South, Range 16 East API 43-013-330594

West Point Federal AA-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33453

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East API 43-013-33999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-331, Range 16 East API 43-013-331, Range 16 East API 43-013-33296

Federal 13-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in Company, API 43-013-33338

Federal 13-22-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in Company, API 43-013-33338

Federal 13-22-9-16 well located in PE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-22-9-16 well located in S

Dated this 21st day of February, 2012. STATE OF UTAH DIVISION OF OIL, GAS & MINING

/s/ Brod Hill Permitting Manager 770992

HPAXIP



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

June 6, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 9-24-9-16, Section 24, Township 9 South, Range 16 East.

SLBM, Duchesne County, Utah, API Well # 43-013-33338

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3.675 feet in the Federal 9-24-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

John Rogers

Associate Director

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal

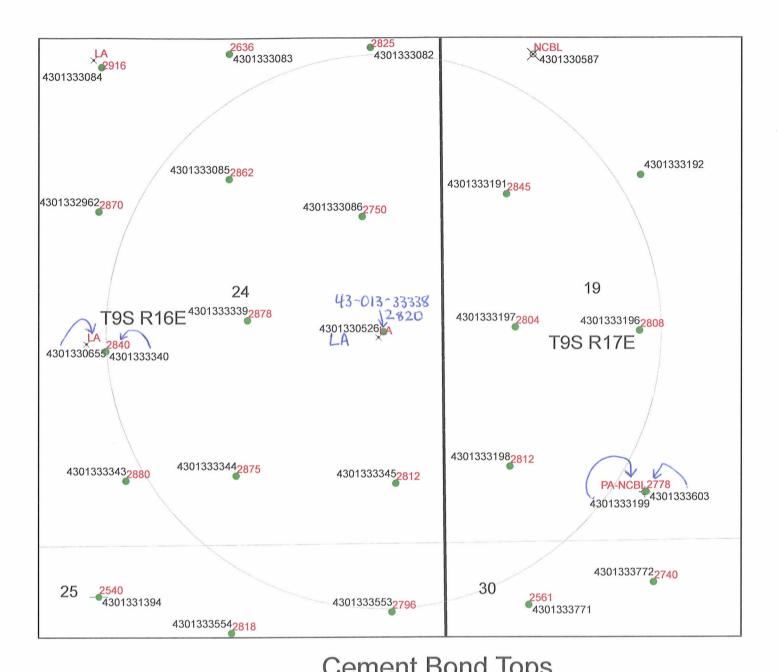
Duchesne County

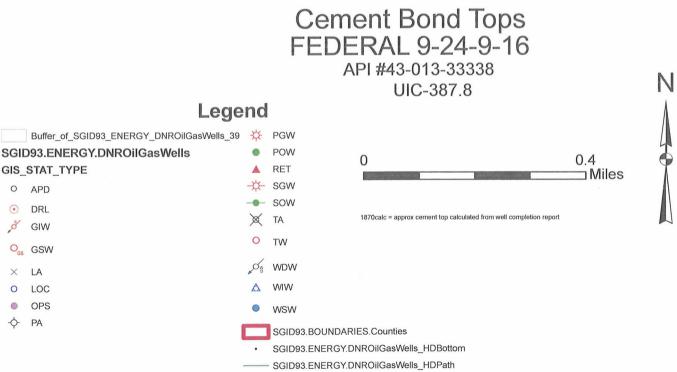
Newfield Production Company, Myton .

Well File

N:\O&G Reviewed Docs\ChronFile\UIC







Wells-CbltopsMaster02_29_12

DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: N	ewfield Production Company	Well:	Federal 9-24-9-16	
Location:	24/9S/16E	_ API:	43-013-33338	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 307 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,663 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,820 feet. A 2 7/8 inch tubing with a packer will be set at 4,575 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 11 producing wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 3,675 feet and 5,619 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 9-24-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,820 psig. The requested maximum pressure is 1,820 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 9-24-9-16 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s):	Mark Reinbold	Date	2/29/2012

Sundry Number: 27577 API Well Number: 43013333380000

			FORM 9		
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES					
DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT OF CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 9-24-9-16		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			9. API NUMBER: 43013333380000		
3. ADDRESS OF OPERATOR: PHONE NUMBER: Rt 3 Box 3630 , Myton, UT, 84052 435 646-4825 Ext			9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: DUCHESNE		
2024 FSL 0569 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 09.0S Range: 16.0E Meridian: S			STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION	,		
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
7/3/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT	□ water shutoff	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:			genome, de la sand Audul L. La Con May, and company people in the control of		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
	COMPLETED OPERATIONS. Clearly show a	-	•		
	as been converted from a p		Accepted by the Utah Division of		
,	7/02/2012. On 07/02/2012 M was contacted concerning		Oil, Gas and Mining		
	-		Date: July 11, 2012		
above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not					
injecting during the test. The tubing pressure was 0 psig during the					
test. There was not a State representative available to witness the test.					
		1	, 1100		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMB 435 646-4874	ER TITLE Water Services Technician			
SIGNATURE N/A		DATE 7/9/2012			

Sundry Number: 27577 API Well Number: 43013333380000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

thers Present: Kathry	n M	<u>ley</u>		
Faderal Well: 9-24-9-16		Field	: Monument Bu	Hp
7-29-9-16	C/ 14 T		5: 43-013-33=	-
Well Location: NE/SE 5	EC 27, 1	42		,,,,
]	<u>lime</u>	Casing Pres	<u>ssure</u>	
	0 min _	1650	psig	
	5	150	psig	
1	0 _	1650	psig	
1	5	1650	psig	
2	.0	1650	psig	
2	.5	1650	psig	
3	0 min	1650	psig	
3	35 <u> </u>		psig	
4	10 _	•	psig	•
4	I5 <u> </u>		psig	
5	50		psig	
5	55 _		psig	
6	60 min		psig	
Tubing p	ressure: _	\bigcirc	psig	
Res	ult:	Pass	Fail	

Sundry Number: 27577 API Well Number: 43013333380000 6 PM -2000--1250--1000-CHART NO. NO MOZOO ZAHR

1000

-0091

8

6

Daily Activity Report

Format For Sundry FEDERAL 9-24-9-16 4/1/2012 To 8/30/2012

6/20/2012 Day: 1

Conversion

NC #2 on 6/20/2012 - MIRUSU, L/D Rods On Float - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub. 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The Hawkeye S-23-8-16 To The Fed 9-24-9-16, MIRUSU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Rod Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Rod Pmp, R/U H/Oiler To Tbg, Pressure Test Tbg To 3,000 Psi, Good Test, Took Bbls Wtr To Fill, POOH & L/D W/- 1- 2' x 3/4" Pony Sub, 1 1/2" x 26' Polished Rod, 94- 3/4" Guided Rods, 77- 3/4" Plain Rods, 37- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, 6- 1" x 4' Guided Stabilizer Subs, Rod Pmp, Found Some Scale On Rods & Pmp Screen, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. Finalized

Daily Cost: \$0

Cumulative Cost: \$5,735

6/21/2012 Day: 2

Conversion

NC #2 on 6/21/2012 - R/D NC #2, Move To UT 4-23-4-3W - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM Rig Maintenance, R/D NC #2, Move To UT 4-23-4-3W FINAL REPORT **Finalized**

Daily Cost: \$0

Cumulative Cost: \$8,250

6/28/2012 Day: 3

Conversion

NC #2 on 6/28/2012 - MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Relase TA, Tag Fill, POOH W/- J-55 Tbg, P/U & TIH W/- Plg & Pkr, N-80 Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did

Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5-Jts Tbq, POOH W/- 141- Jts Tbq, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg. 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Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tha. POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/-77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 77- Jts Tbg (N-80), Set Plg @ 4569', POOH W/- 3- Jts Tbg, Set Pkr @ 4473', R/U H/Oiler To Tbg, Try To Break Down C-Sands Zone, Took To 5,000 Psi, Zone Did Not Break Down, R/D H/Oiler, R/U H/Oiler To Csg, Fill Csg, Release Pkr, R/U Frac Valve, R/U Baker Hughes, Frac C-Sands Zone, Flow Back For Approx. 1 Hr, Release Pkr, RIH W/- 3- Jts Tbg, Circ Plug Clean, Latch Onto Plg, Release Plg, L/D 45 Jts N-80 Tbg, SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - Move From The UT 4-23-4-3W To The Federal 9-24-9-16, MIRUSU, R/D Wellhead, R/U Weatherford BOPS, Release TA, P/U & TIH W/- 5- Jts Tbg, Tag PBTD @ 5619', No New Fill On PBTD, L/D 5- Jts Tbg, POOH W/- 141- Jts Tbg, L/D 27- Jts Tbg, TA, 1- Jt Tbg, SN, 2- Jts Tbg, NC, R/U The Perforators Wireline, RIH & Shoot C-Sands Perfs @ 4526' - 4528' & 4507' - 4508', R/D Wireline, P/U & TIH W/- Weatherford Pkr & Plg, 68- Jts Tbg, SWI, CSDFN @ 8:00 PM, 8:00 To 8:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$17,062

6/29/2012 Day: 5

Conversion

NC #2 on 6/29/2012 - Finish L/D N-80, TIH W/- BHA & J-55 Tbg, Pressure Test Tbg - 5:30 To 6:00 AM C/TrvI, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd Vive, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbq, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd VIve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 99- Jts N-80 Tbg, P/U & TIH W/- 2 7/8" Tbg Collar, 2 7/8" x 1.875XN Nipple, 5 1/2" Arrowset Pkr, 1.875 Profile Seal Nipple, On / Off Skirt, 2 7/8" SN, 141- Jts Tbg, Break & Dope Collars On TIH, R/U H/Oiler To Tbg, Pmp 10 Bbls Wtr For Pad, Drop Stnd Vlve, Pressure Test Tbg To 3,000 Psi Over The Weekend, SWI, CSDFN @ 7:00PM, 7:00 To 7:30 PM C/Trvl. Finalized

Daily Cost: \$0

Sundry Number: 27577 API Well Number: 43013333380000 Summary Rig Activity

Page 4 of 5

Cumulative Cost: \$63,318

7/2/2012 Day: 6

Conversion

NC #2 on 7/2/2012 - Pressure Test Tbg & Csg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csq, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csg To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csg To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csq, Good Test, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr. R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csq To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Pressure Bled Off To 2,200 Psi, Bump Back Up To 3,000 Psi, Hold Pressure For Approx. 1 Hr, R/U Sandline, Fish Stnd VIve, R/D Sandline, R/D Weatherford BOPS, R/U Injection Tree, R/U H/Oiler To Csg, Pmp 70 Bbls Fresh Wtr & Pkr Fluid, R/D Inj. Tree, Set Pkr, R/U Inj. Tree, Land Wellhead, Pressure Test Csq To 1,500 Psi, Try To Hold Pressure For 1 Hr, Pressure Bled Off A Couple Times, Had To Bump Back Up, Finally Get A Test On Csg, Good Test, Well Ready For MIT. Finalized

Daily Cost: \$0

Cumulative Cost: \$266,727

7/5/2012 Day: 7

Conversion

Rigless on 7/5/2012 - Conduct initial MIT - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 07/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/03/2012 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. Finalized

Daily Cost: \$0

Cumulative Cost: \$297,997

Pertinent Files: Go to File List

Sundry Number: 28041 API Well Number: 43013333380000

				
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES			FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER:	
DIVISION OF OIL, GAS, AND MINING			UTU-15855	
	RY NOTICES AND REPOR			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: FEDERAL 9-24-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			9. API NUMBER: 43013333380000	
3. ADDRESS OF OPERATOR: PHONE NUMBER: Rt 3 Box 3630 , Myton, UT, 84052 435 646-4825 Ext				9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2024 FSL 0569 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 24 Township: 09.0S Range: 16.0E Meridian: S			COUNTY: DUCHESNE	
			s	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO IND	ICATE N	ATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION			
	ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN		FRACTURE TREAT	☐ NEW CONSTRUCTION
7/24/2012	OPERATOR CHANGE	□ <i>i</i>	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR		VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ (OTHER	OTHER: Put on Injection
	COMPLETED OPERATIONS. Clearly st	-		epths, volumes, etc.
The above refe	erence well was put on inj	ection	at 12:15 PM on	Accepted by the
	07/24/2012.			Utah Division of Oil, Gas and Mining
				FOR RECORD ONLY
				July 25, 2012
				•
				·
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NU 435 '646-487		TITLE Water Services Technician	
SIGNATURE			DATE	
N/A		7/24/2012		

FEDERAL 9-24-9-16

Spud Date: 2/27/08

Put on Production: 4/22/08

GL: 5566' KB: 5578'

Injection Wellbore Diagram

Cement Top @ 1103

Casing Shoe @ 307

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24# LENGTH: 7 jts (295.44') DEPTH LANDED: 307.29

HOLE SIZE:12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt 2 bbls returned.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 131 jts (5735.06) Includes Shoe Jt. (4231')

DEPTH LANDED: 5662.54' HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP @ 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 141 jts (4429.1') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4441 1' KB ON/OFF SKIRT: 4442.2' X NIPPLE: 2-7/8 (0.4) @ 4443.6°

PACKER @ 4444'

TOTAL STRING LENGTH: EOT @ 4447' KB

Frac CP sds as follows: 30,370#'s of 20/40 4/11/08 5291-5298 sand in 399 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1876. Actual Flush: 4788 gal. Frac A3 sds as follows: 15,115#'s of 20/40 4/11/08 4826-4834 sand in 273 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2593 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP ws 2180. Actual Flush: 4326 gal. 4/11/08 4625-4632 Frac B1 sds as follows: 18,870# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1927 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. ISIP ws 1850. Actual Flush: 4356 gal. 8/2/09 Tubing Leak. Updated rod & tubing details. 2/20/10 Tubing Leak. Updated rod and tubing detail. 2/23/2010 Tubing Leak. Updated rod and tubing detail. 05/16/2012 Tubing Leak. Updated rod and tubing detail 06/28/12 4507-45283 Frac C sds as follows: 30302#'s of 20/40 sand in 414bbls of Lightning 17 frac fluid. 07/02/12 Convert to Injection Well 07/03/12 Conversion MIT Finalized - update tbg PERFORATION RECORD Packer @ 4444' EOT @ 4447' 5370-5378 4 JSPF 5328-5336' 4 JSPF 4507- 4508° 5291-5298' 4 JSPF 4526 - 4528' 4826-4834* 4 JSPF 4625 - 4632 4625-4632' 4 JSPF 4507-4508' 3 JSPF 4826 - 4834' 4526-4528' 3 JSPF 5291 - 5298' 5328 - 5336" 5370 - 5378 PBTD @ 5619' TD @ 5700'

FRAC JOB

NEWFIELD Shell

FEDERAL 9-24-9-16

2024'FSL & 569' FEL

NE/SE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33338; Lease # UTU-15855

32 holes

32 holes

28 holes

32 holes

28 holes

3 holes

6 holes



GREGORY S. BELL

Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-387

Operator:

Newfield Production Company

Well:

Federal 9-24-9-16

Location:

Section 24, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-33338

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on June 6, 2012.
- 2. Maximum Allowable Injection Pressure: 1,820 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,675' 5,619')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

7-19-12

Date

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County

Well Eile

Well File

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